

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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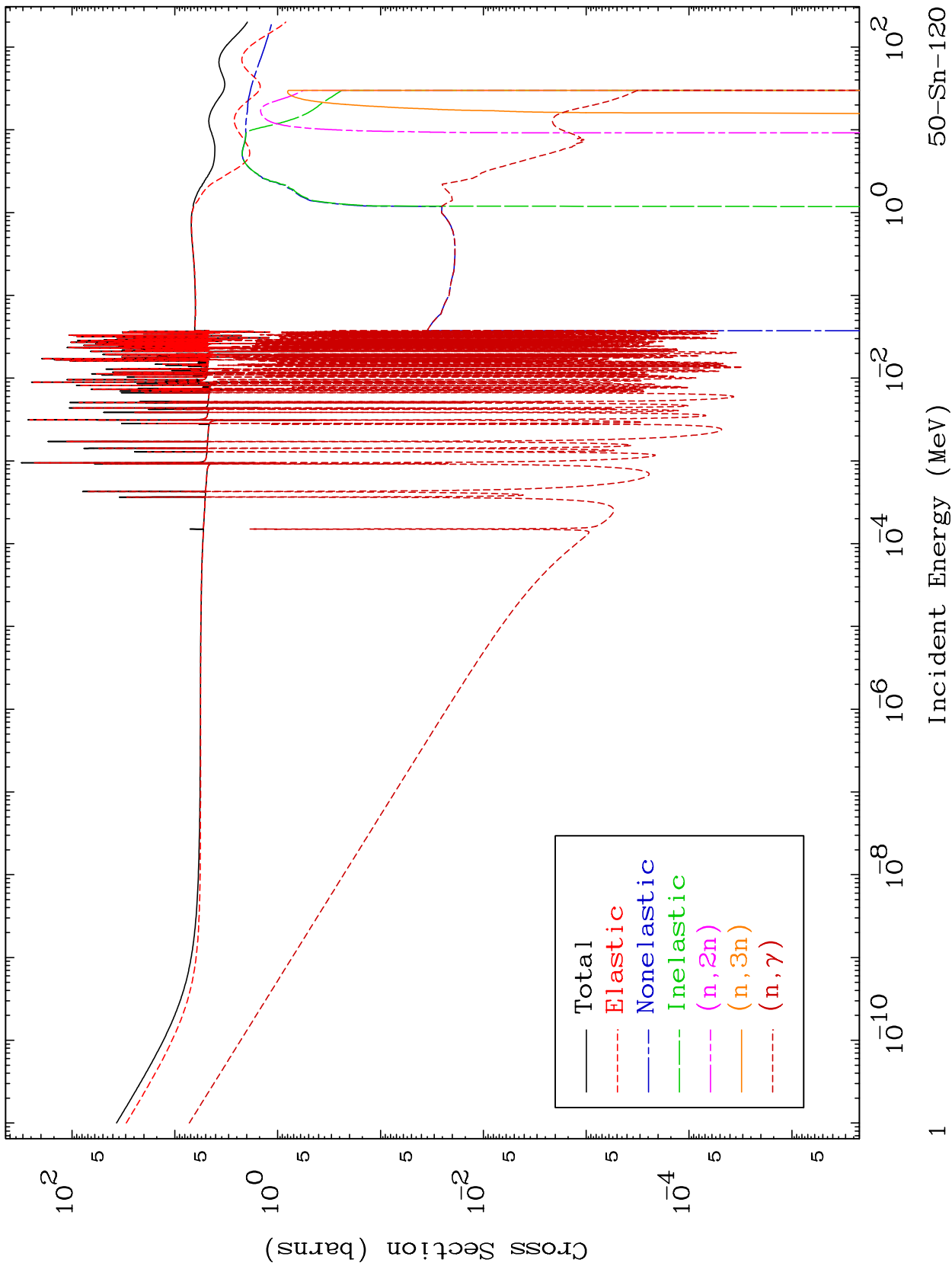
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Press Mouse Button to Start

MAT 5049

Neutron Major  
293 Kelvin Cross Sections

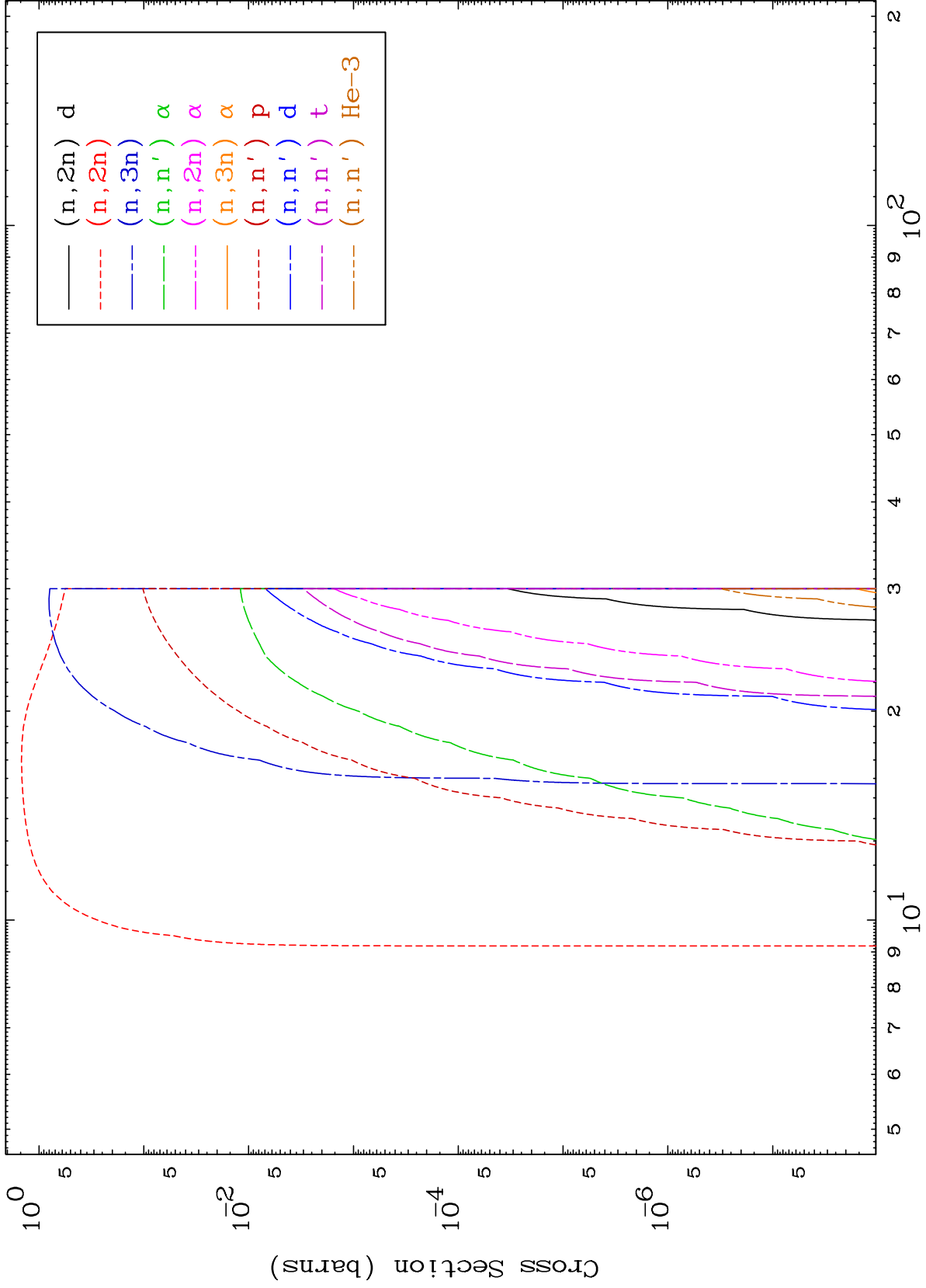
50-Sn-120

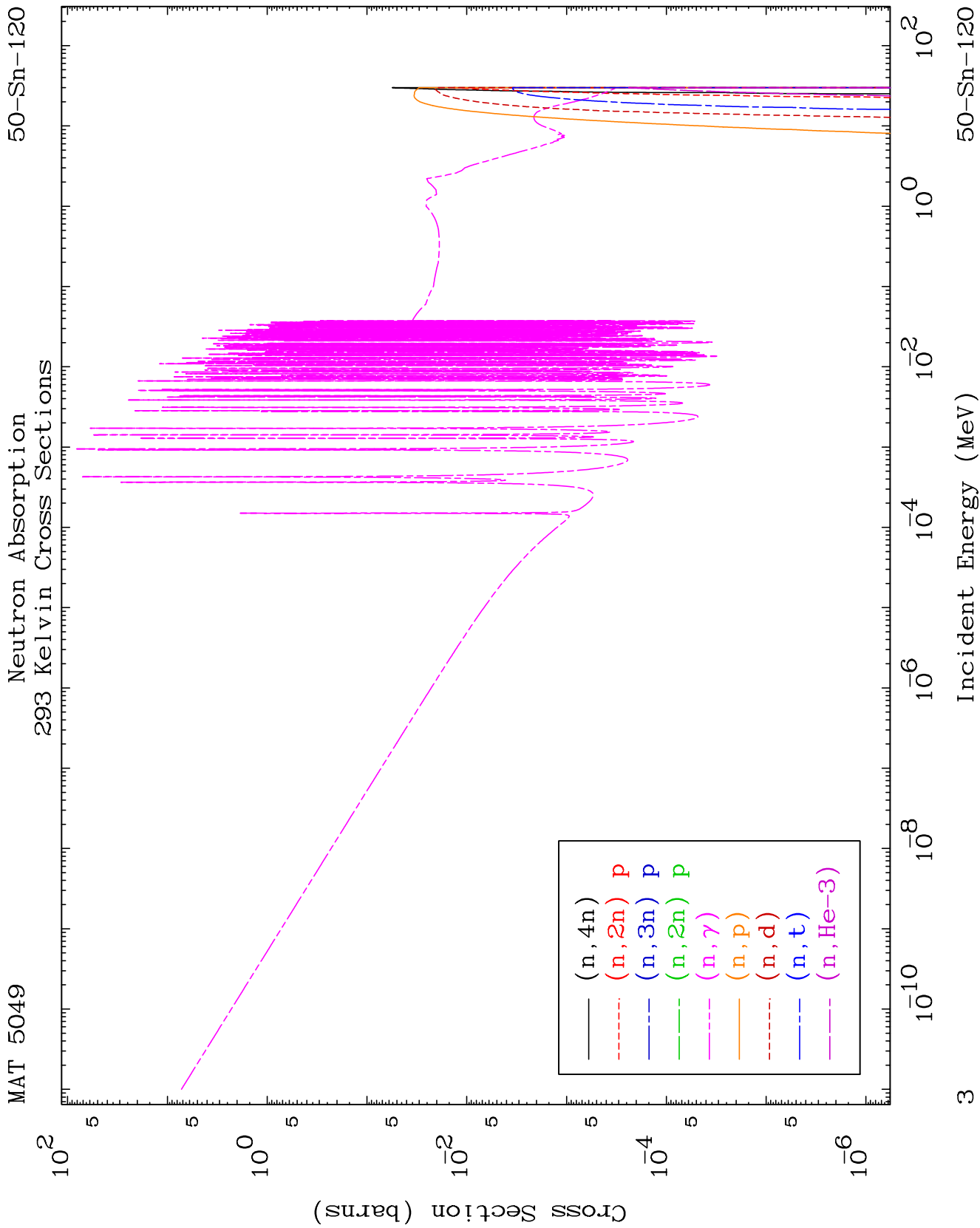


MAT 5049

Neutron Absorption  
293 Kelvin Cross Sections

50-Sn-120

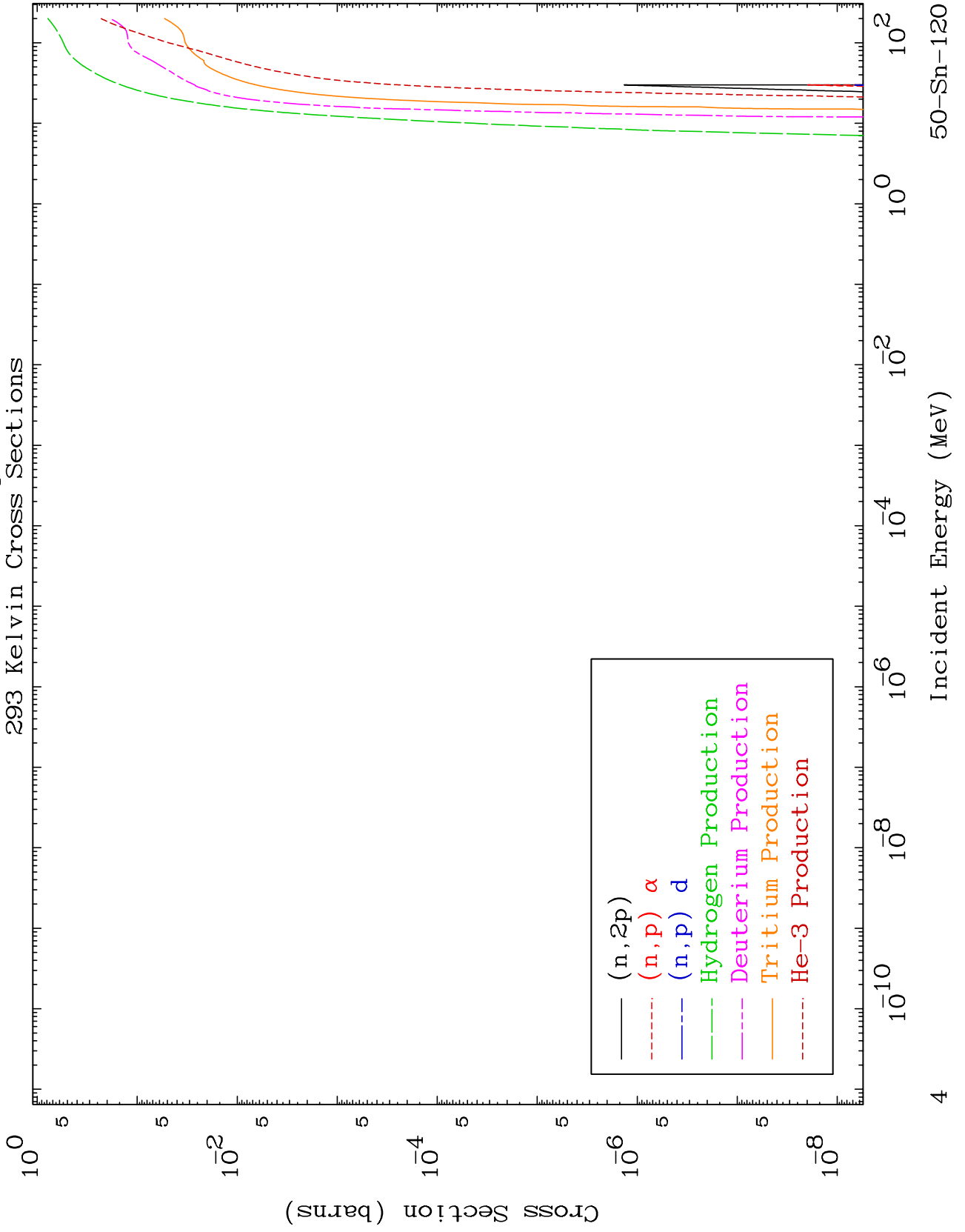




MAT 5049

Neutron Absorption  
293 Kelvin Cross Sections

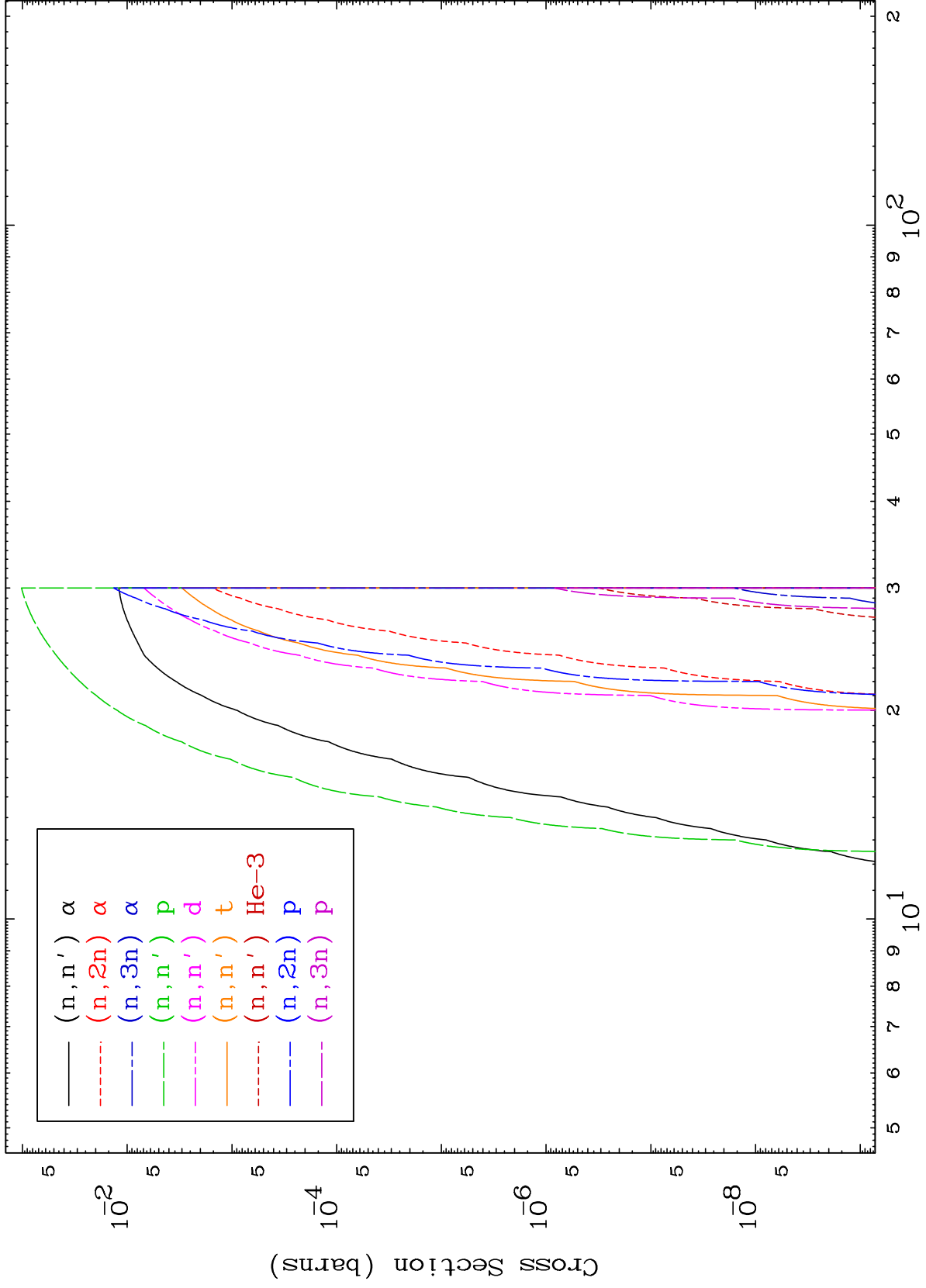
50-Sn-120



MAT 5049

Charged Particle  
293 Kelvin Cross Sections

50-Sn-120



5

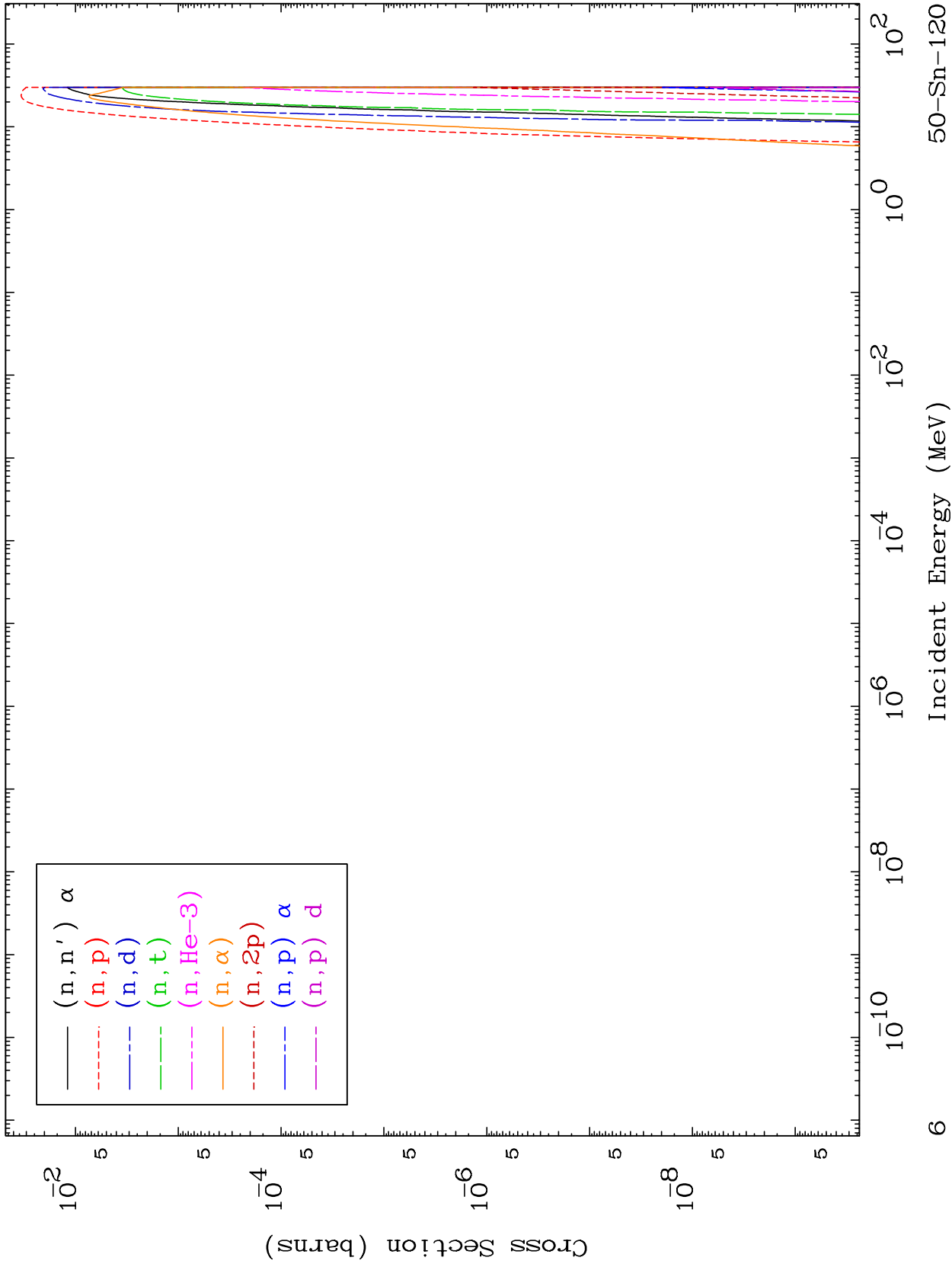
Incident Energy (MeV)

50-Sn-120

MAT 5049

Charged Particle  
293 Kelvin Cross Sections

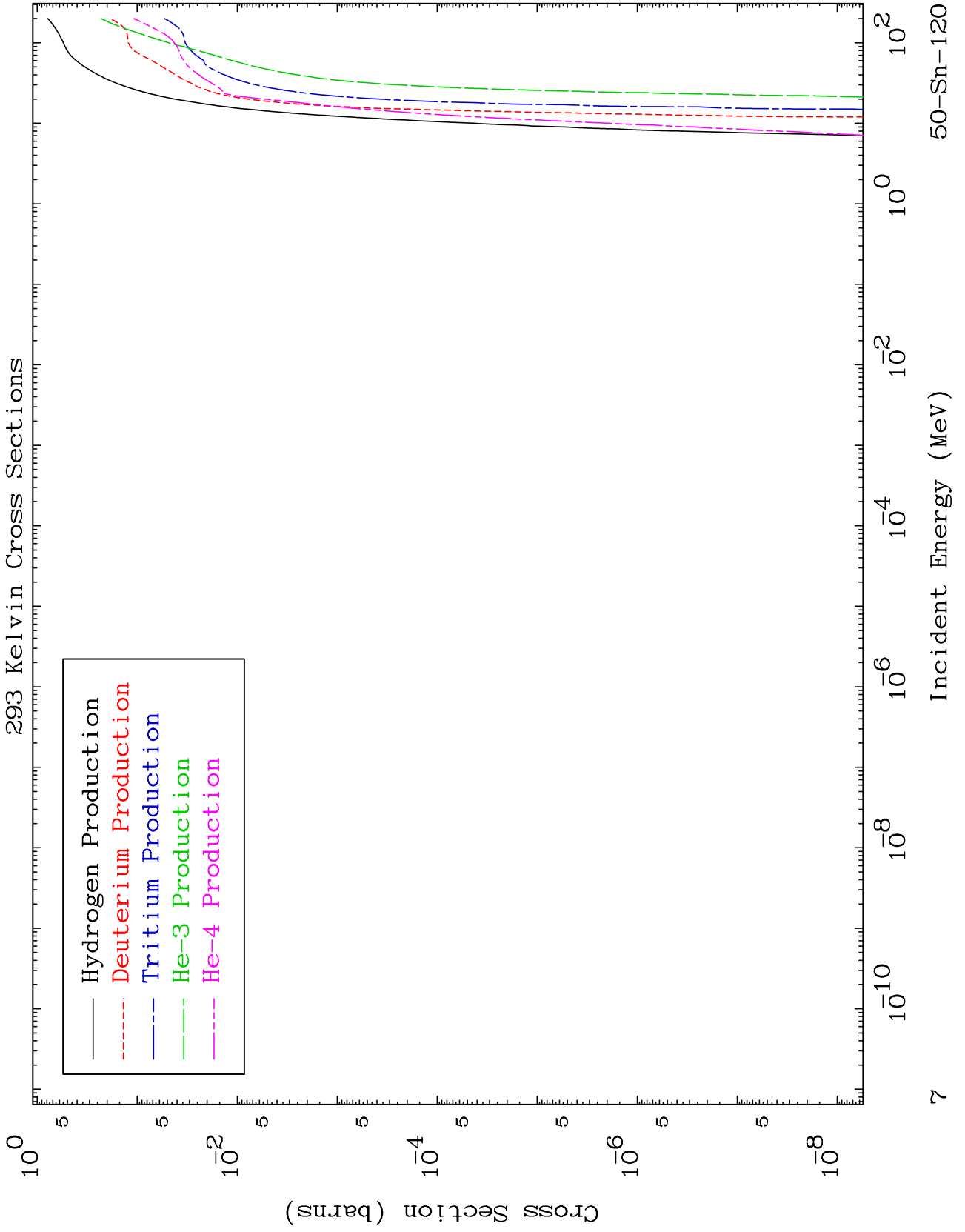
50-Sn-120



MAT 5049

Particle Production  
293 Kelvin Cross Sections

50-Sn-120



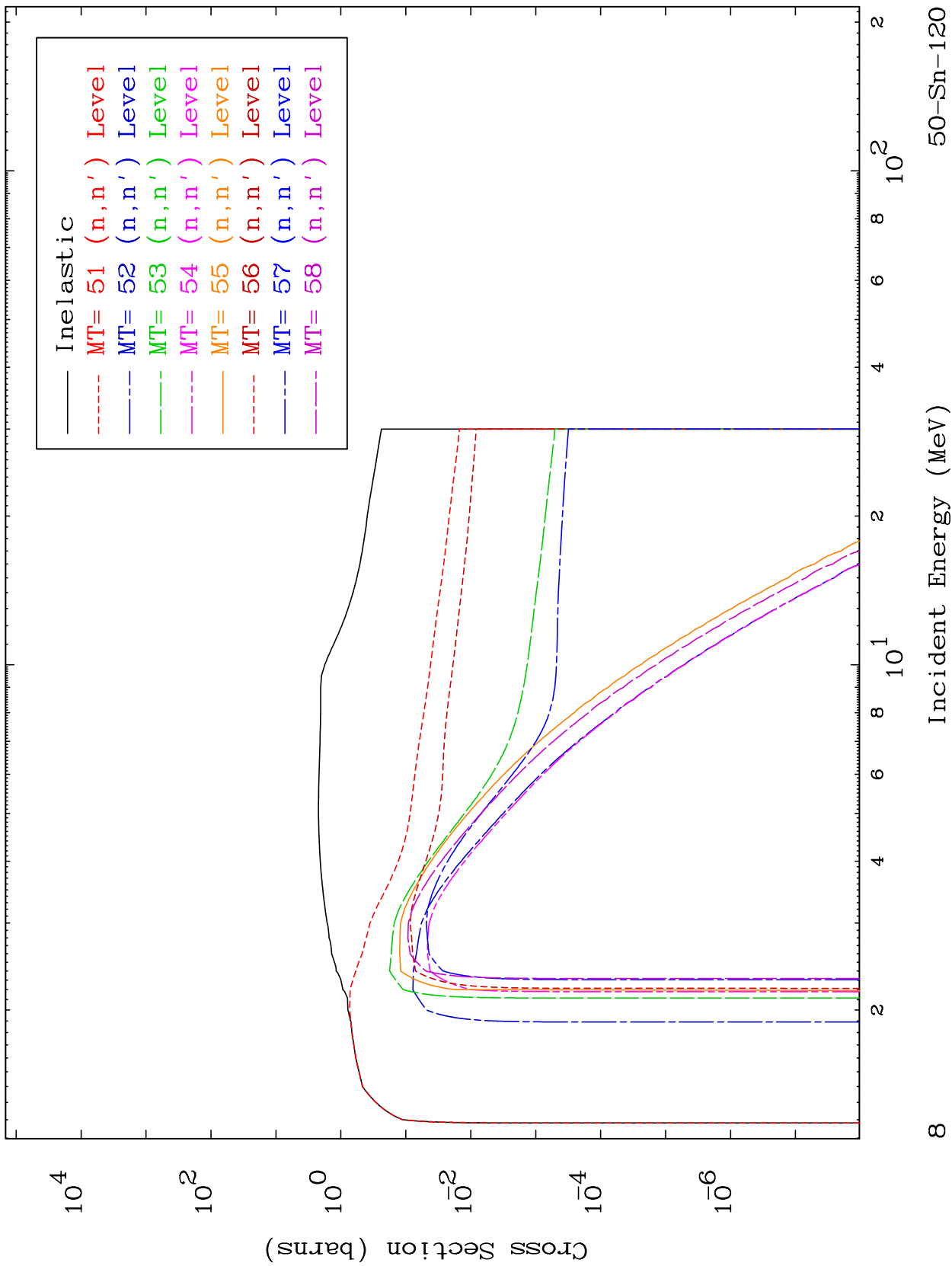


MAT 5049

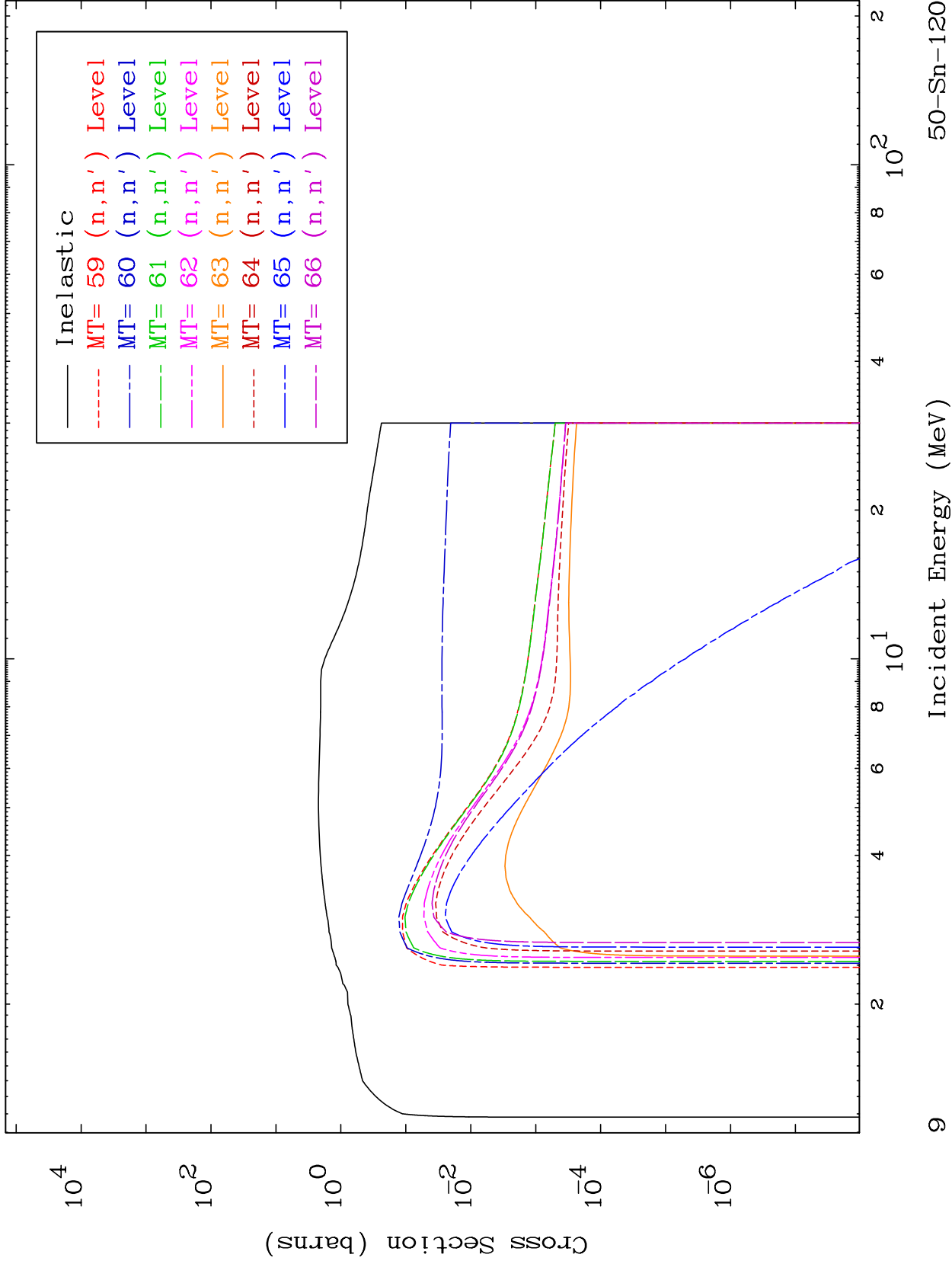
(n,n') Levels

50-Sn-120

293 Kelvin Cross Sections



293 Kelvin Cross Sections

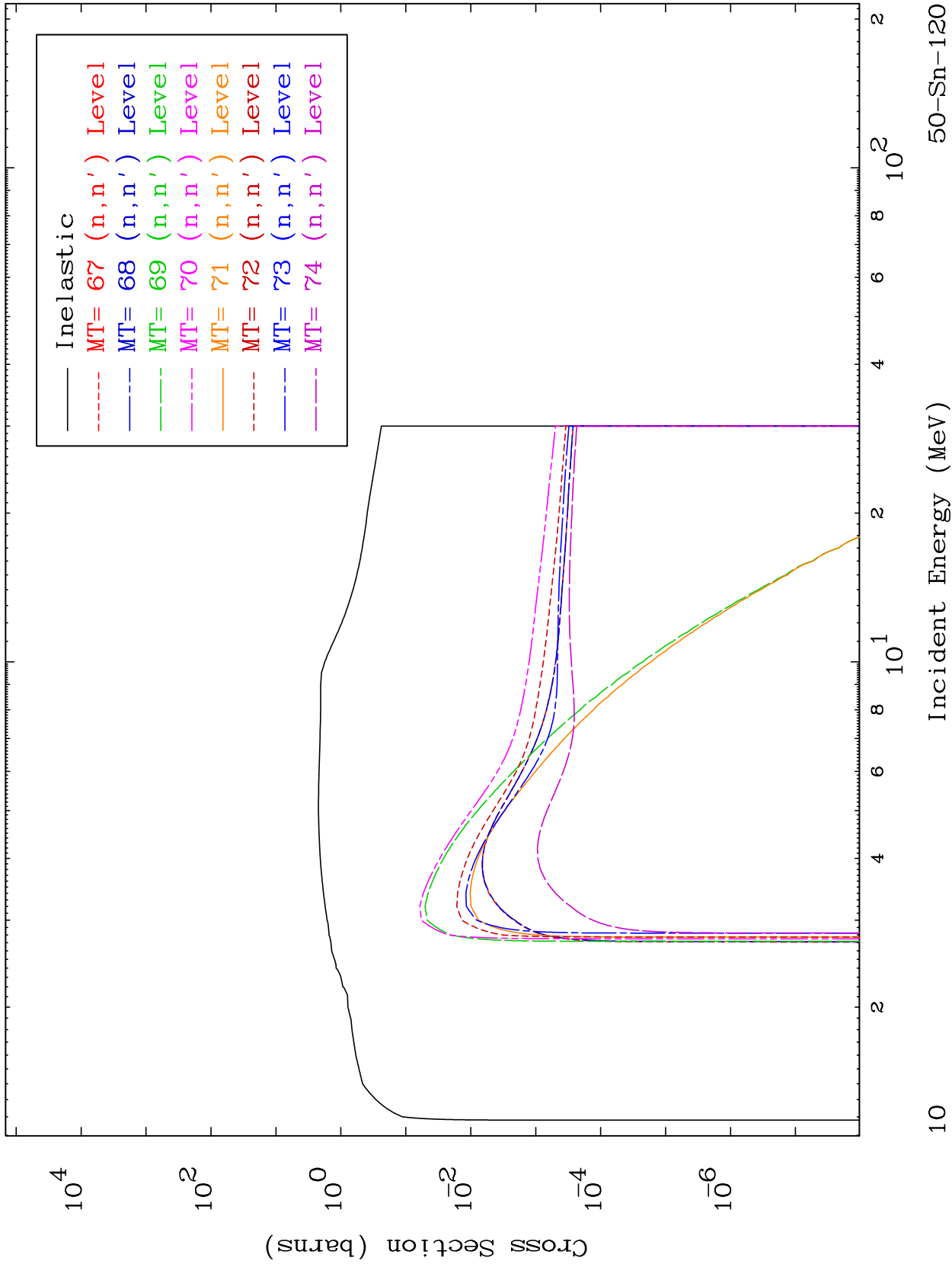


MAT 5049

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-120



10

Incident Energy (MeV)

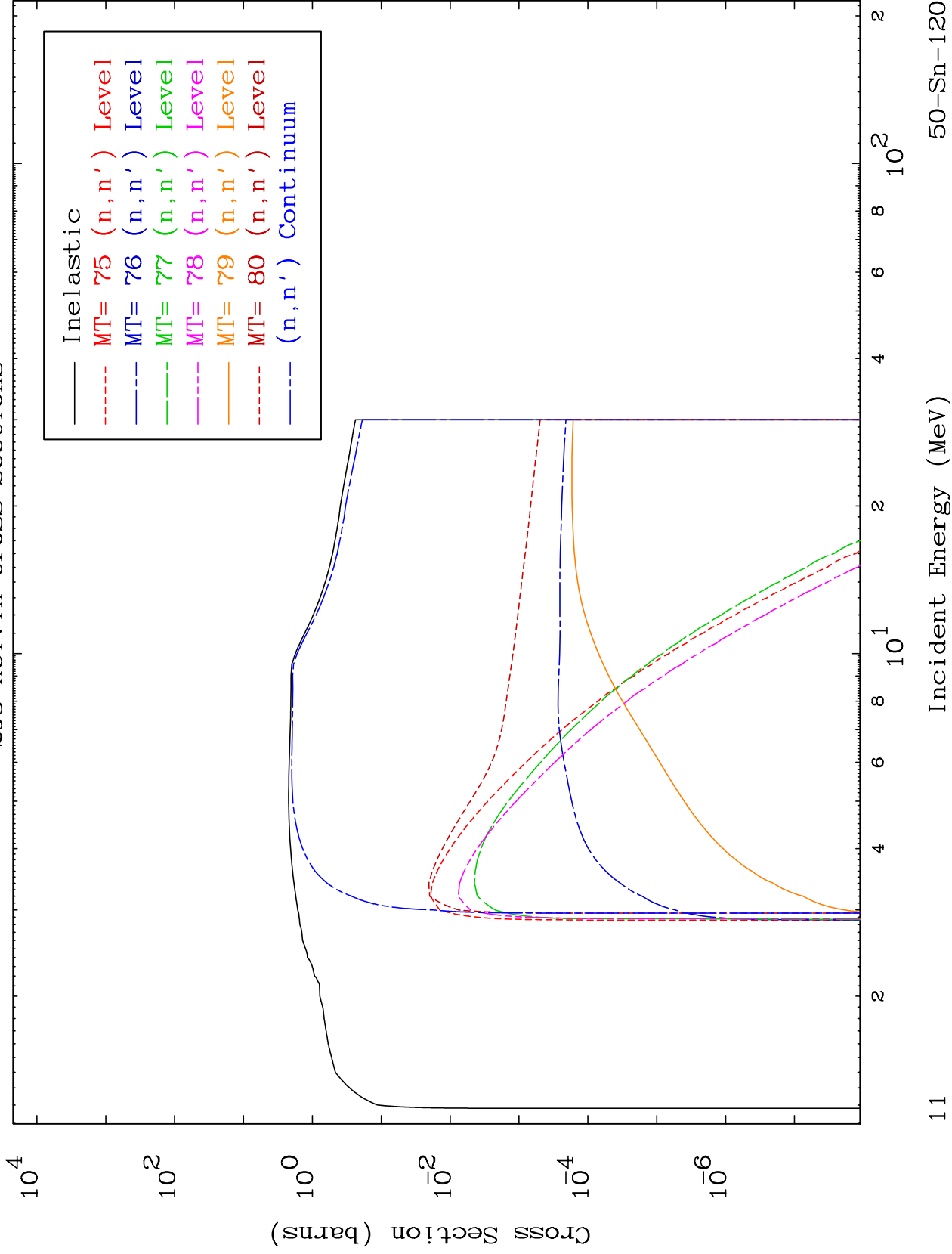
50-Sn-120

MAT 5049

(n,n') Levels

50-Sn-120

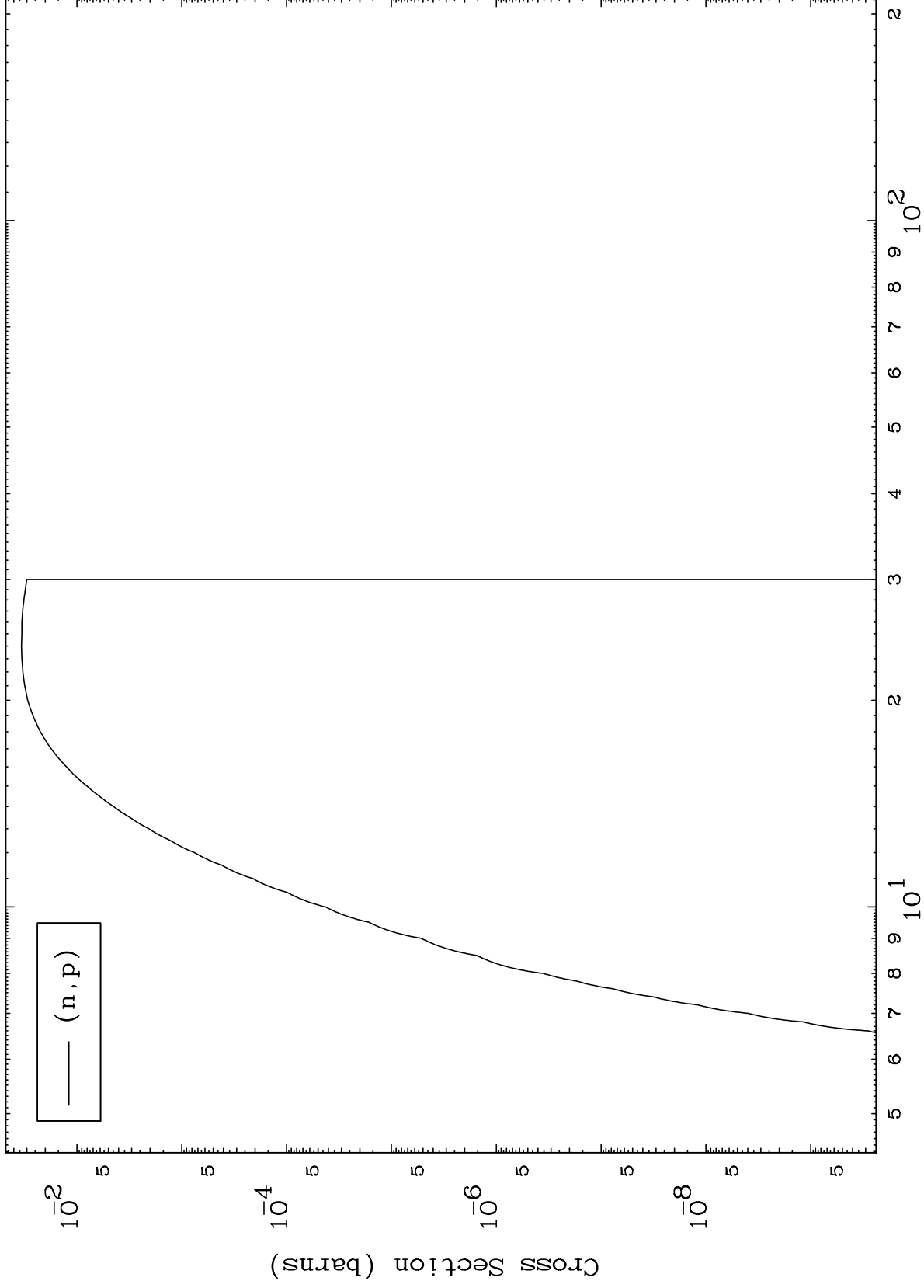
293 Kelvin Cross Sections



MAT 5049

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-120



12

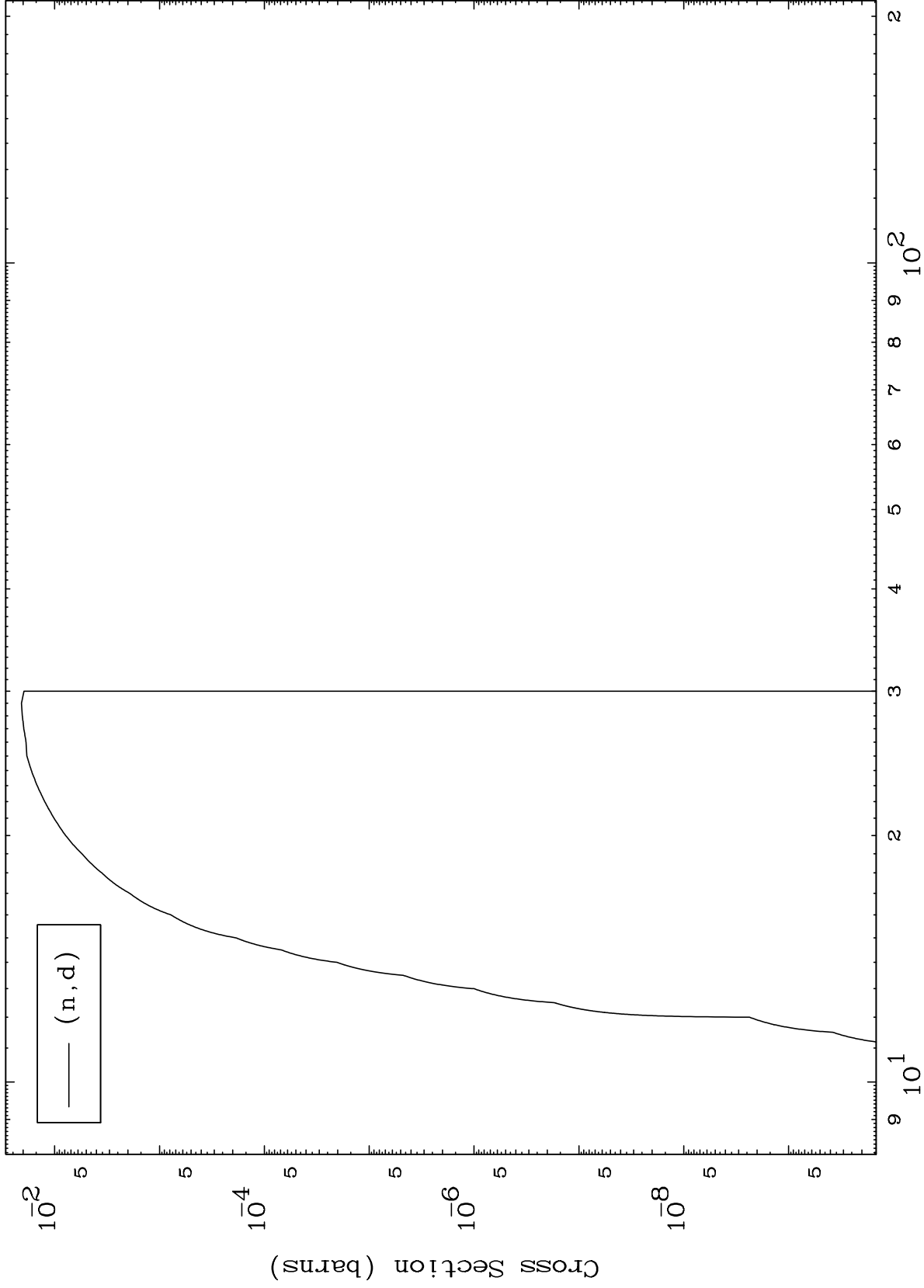
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-120



13

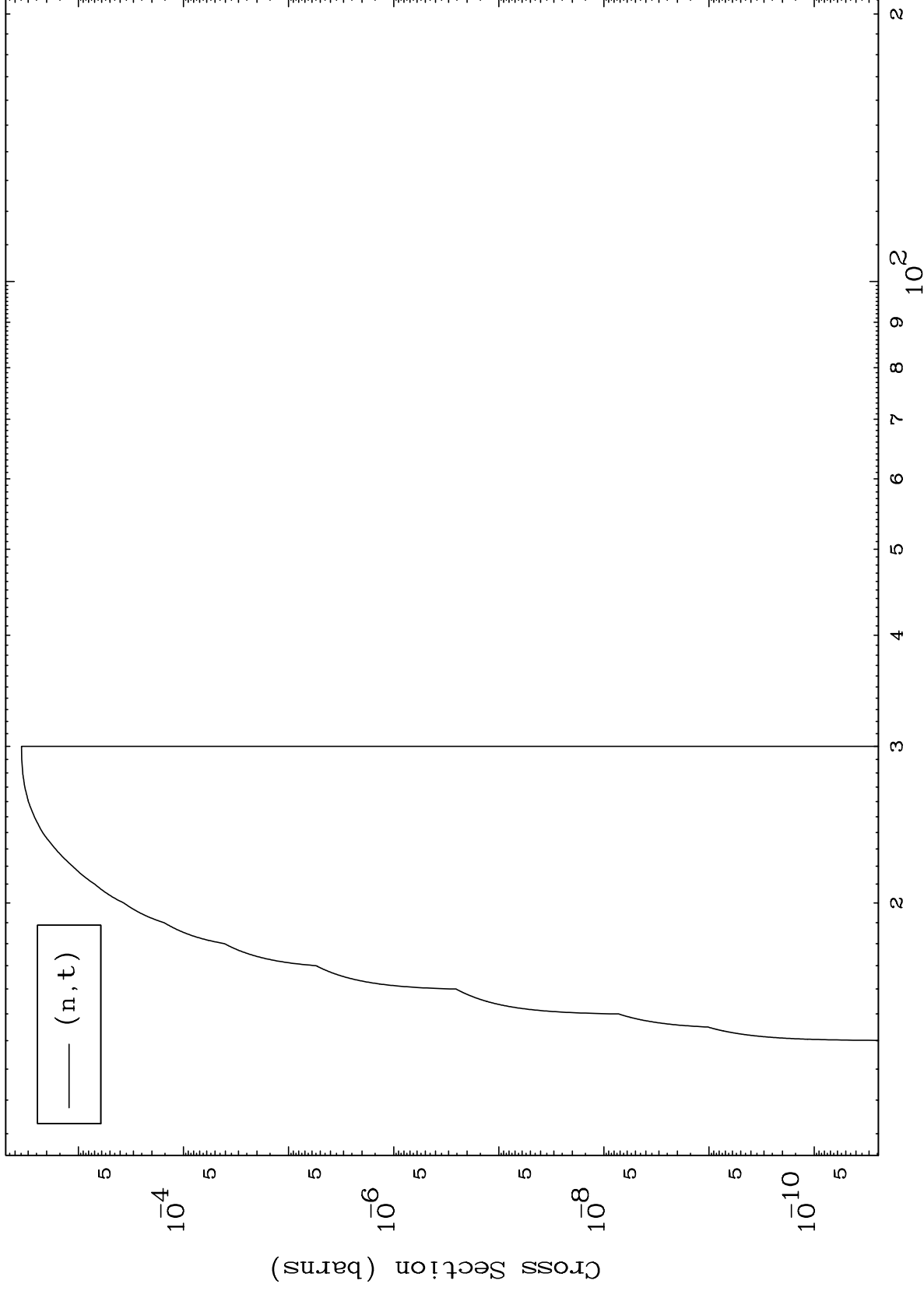
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,t) Levels  
293 Kelvin Cross Sections

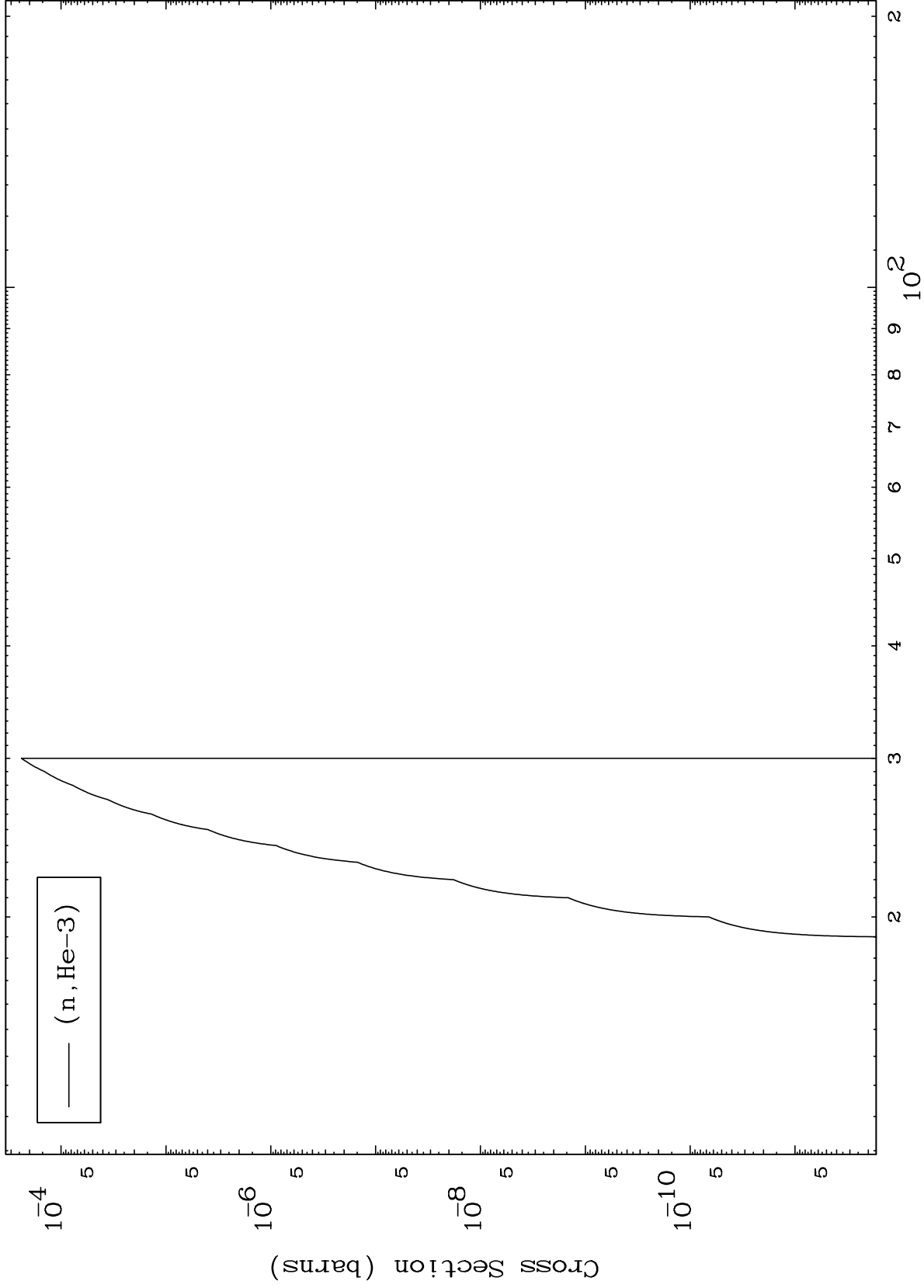
50-Sn-120



MAT 5049

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-120

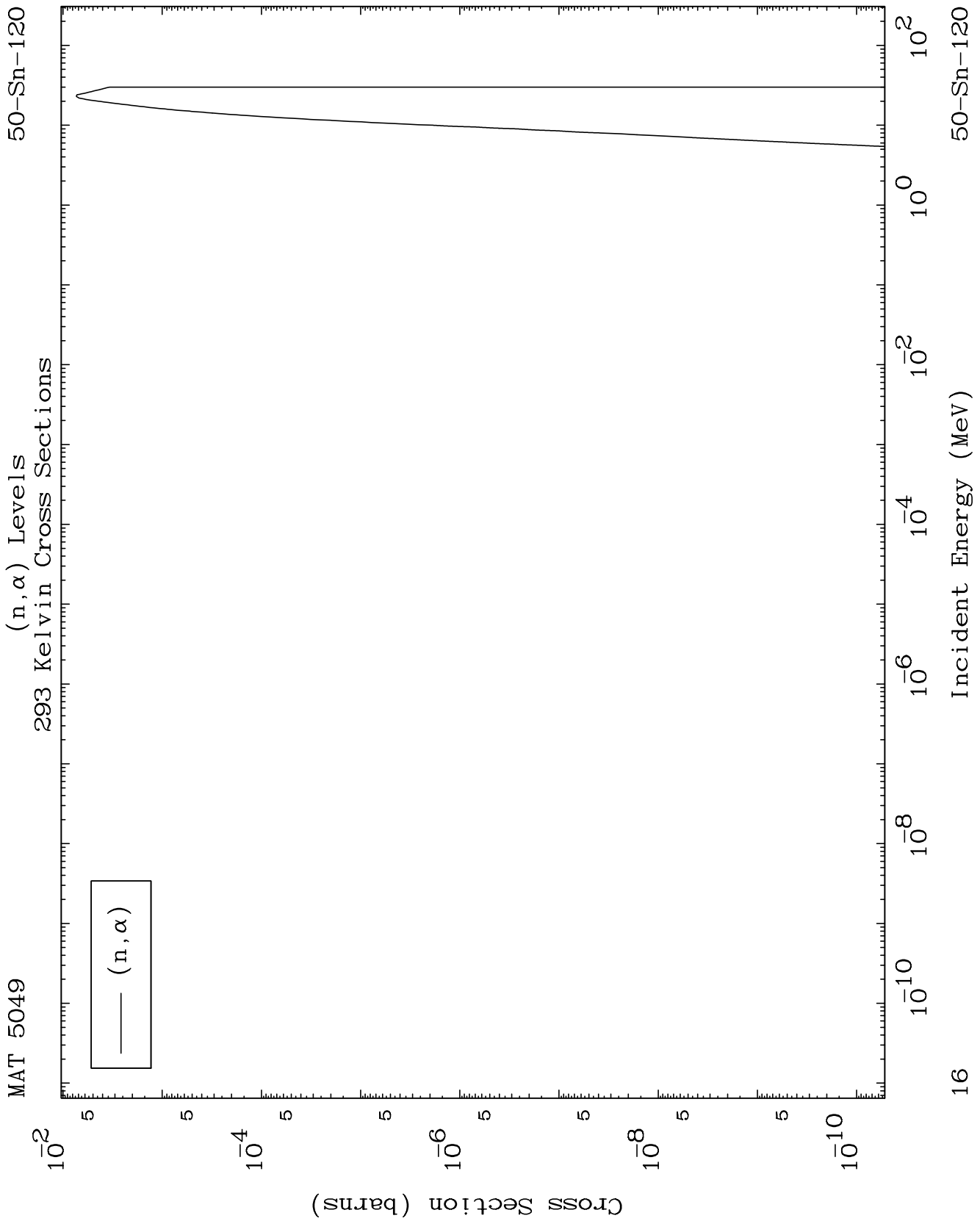


15

Incident Energy (MeV)

50-Sn-120

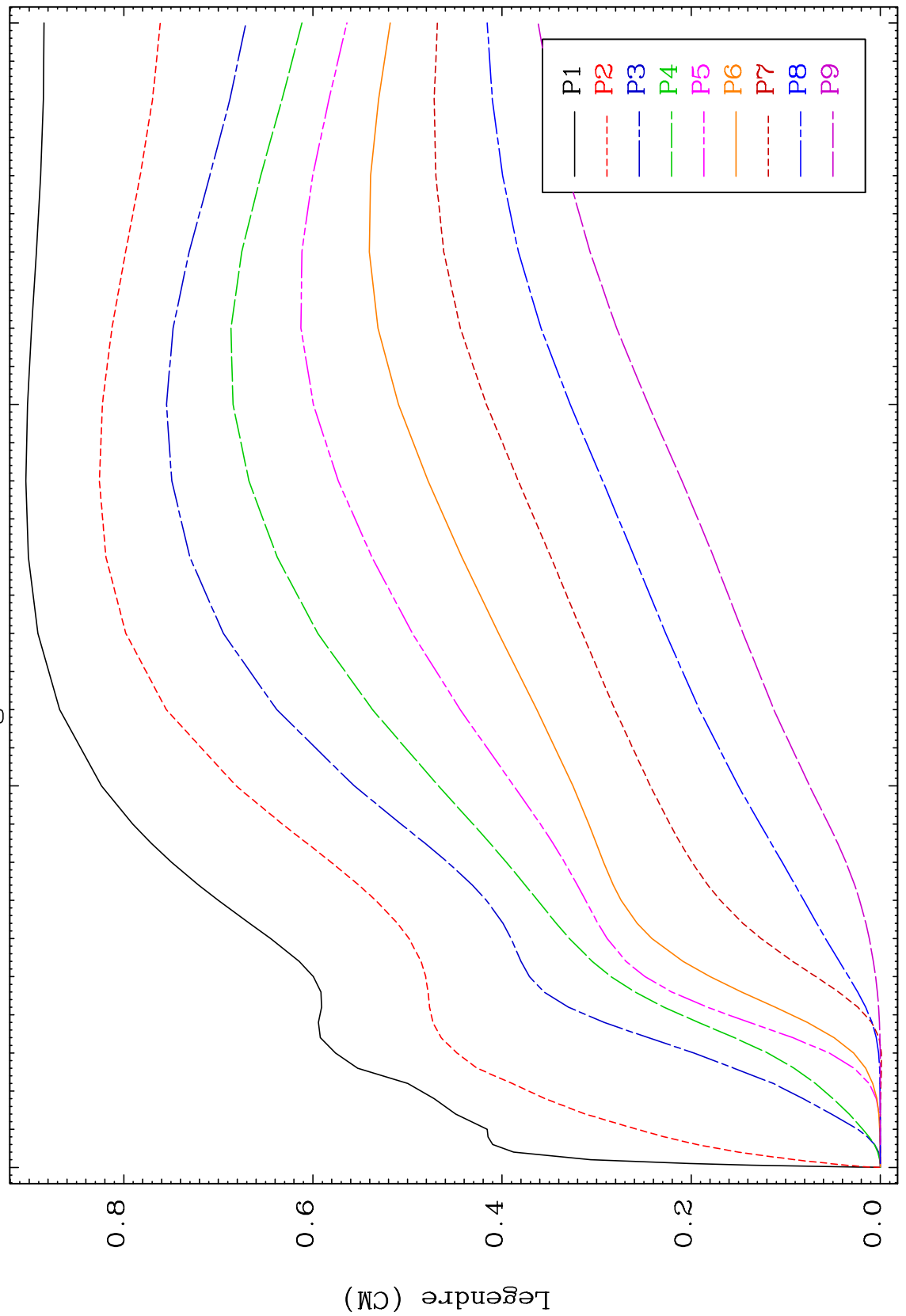




MAT 5049

Elastic Legendre Coefficients

50-Sn-120



17

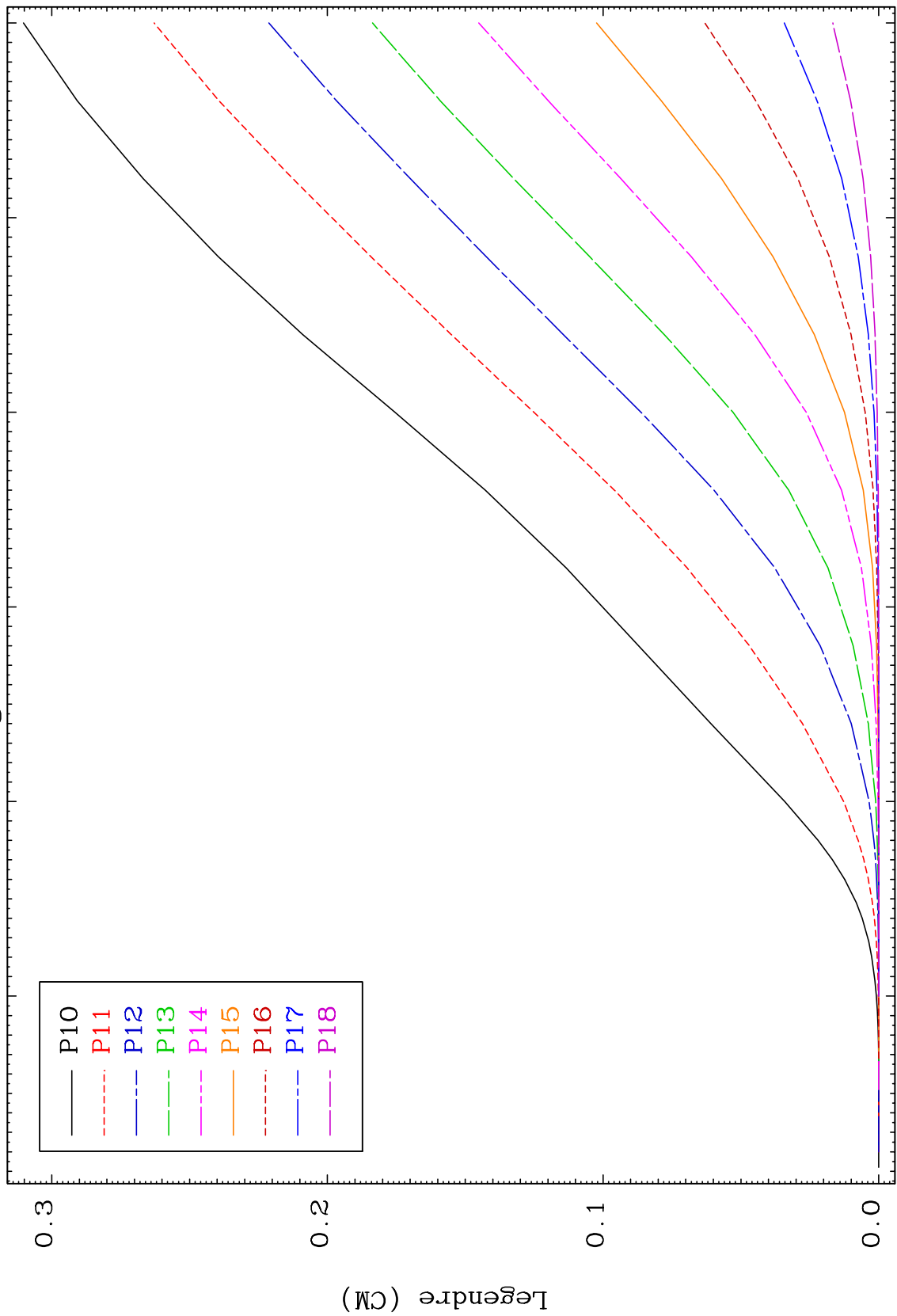
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic Legendre Coefficients

50-Sn-120



18

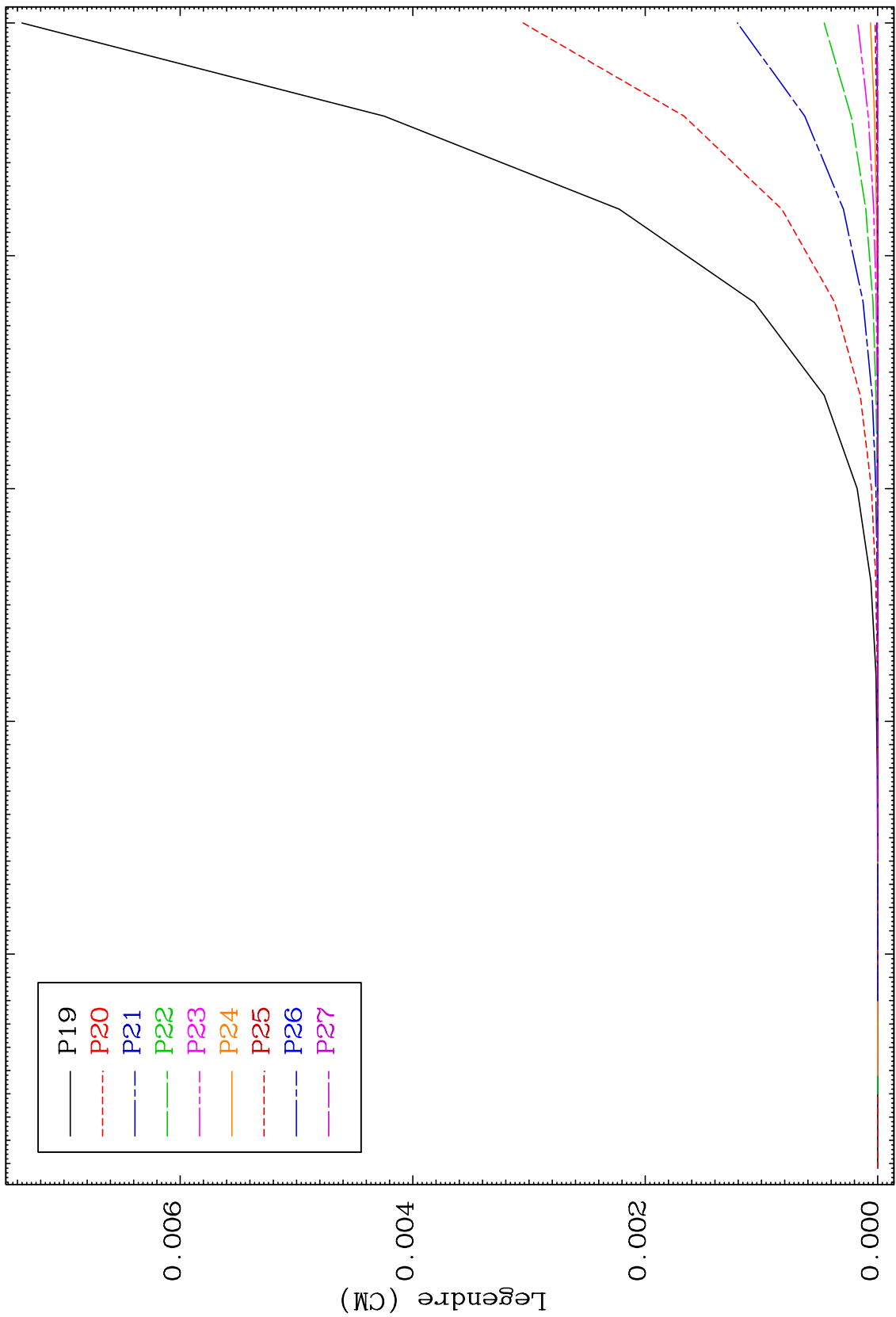
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic Legendre Coefficients

50-Sn-120



19

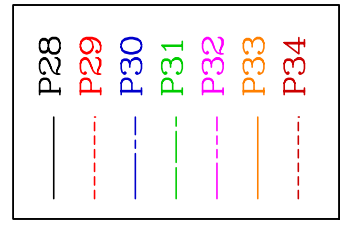
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic Legendre Coefficients

50-Sn-120



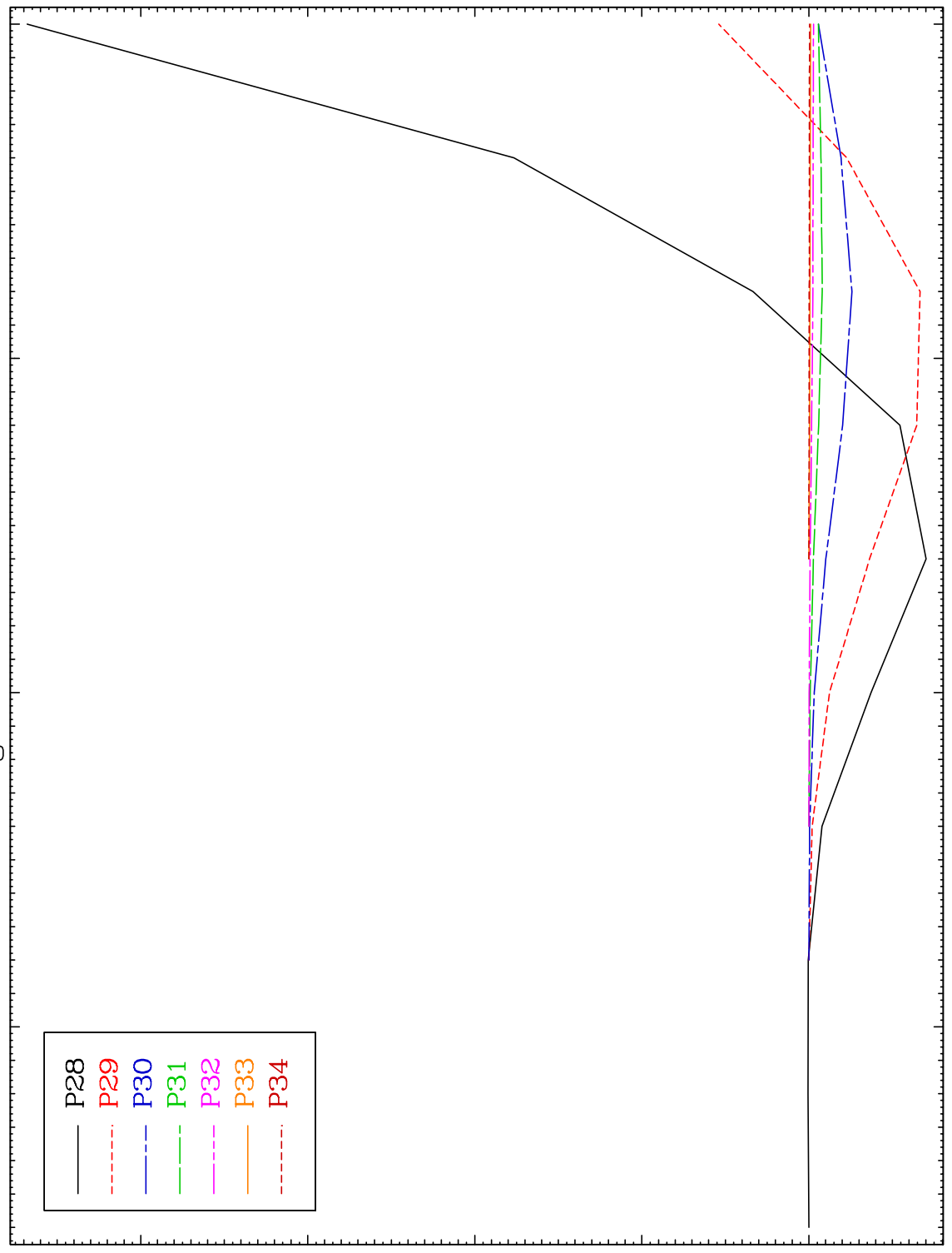
$\times 10^{-7}$

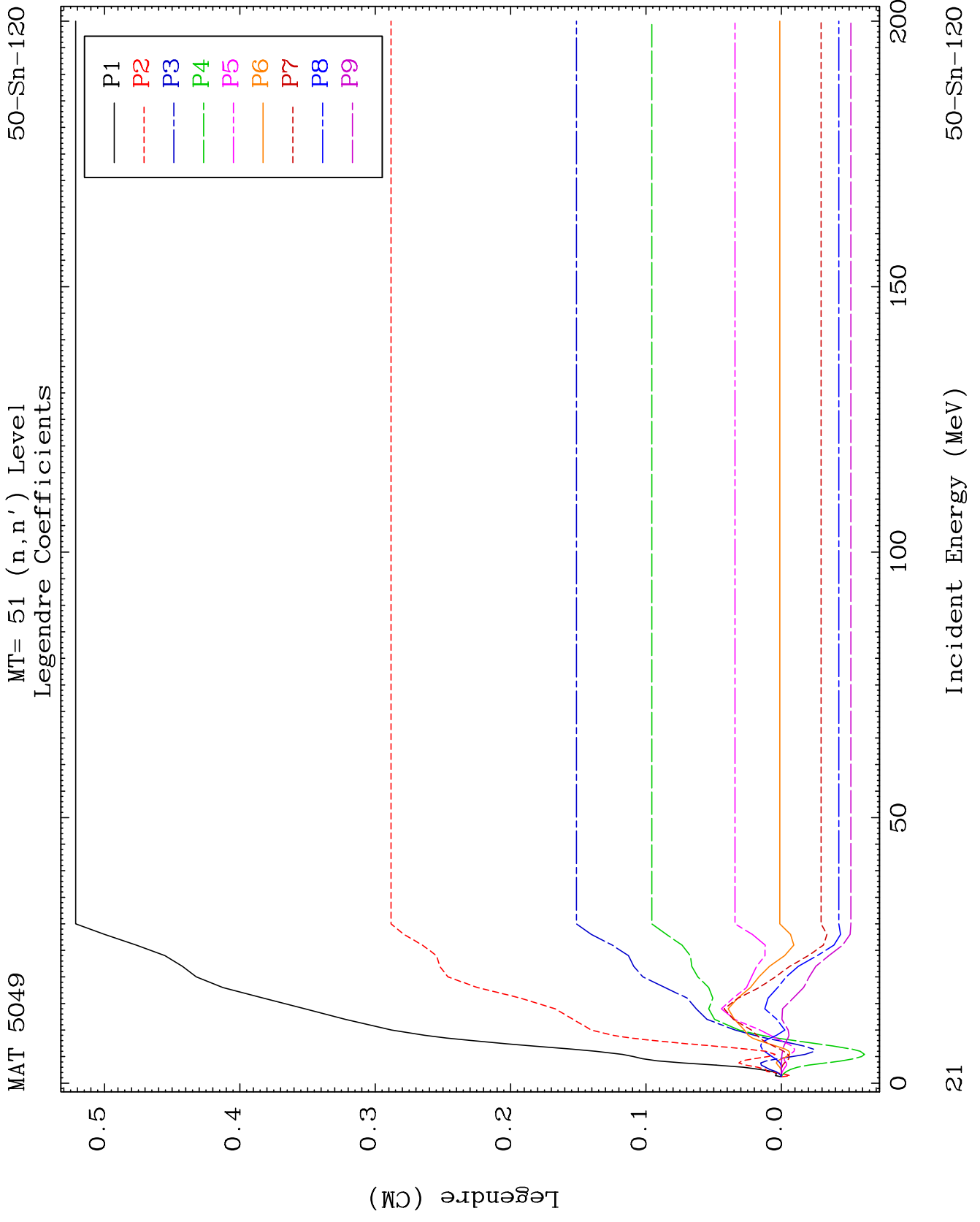
Legendre (CM)

20

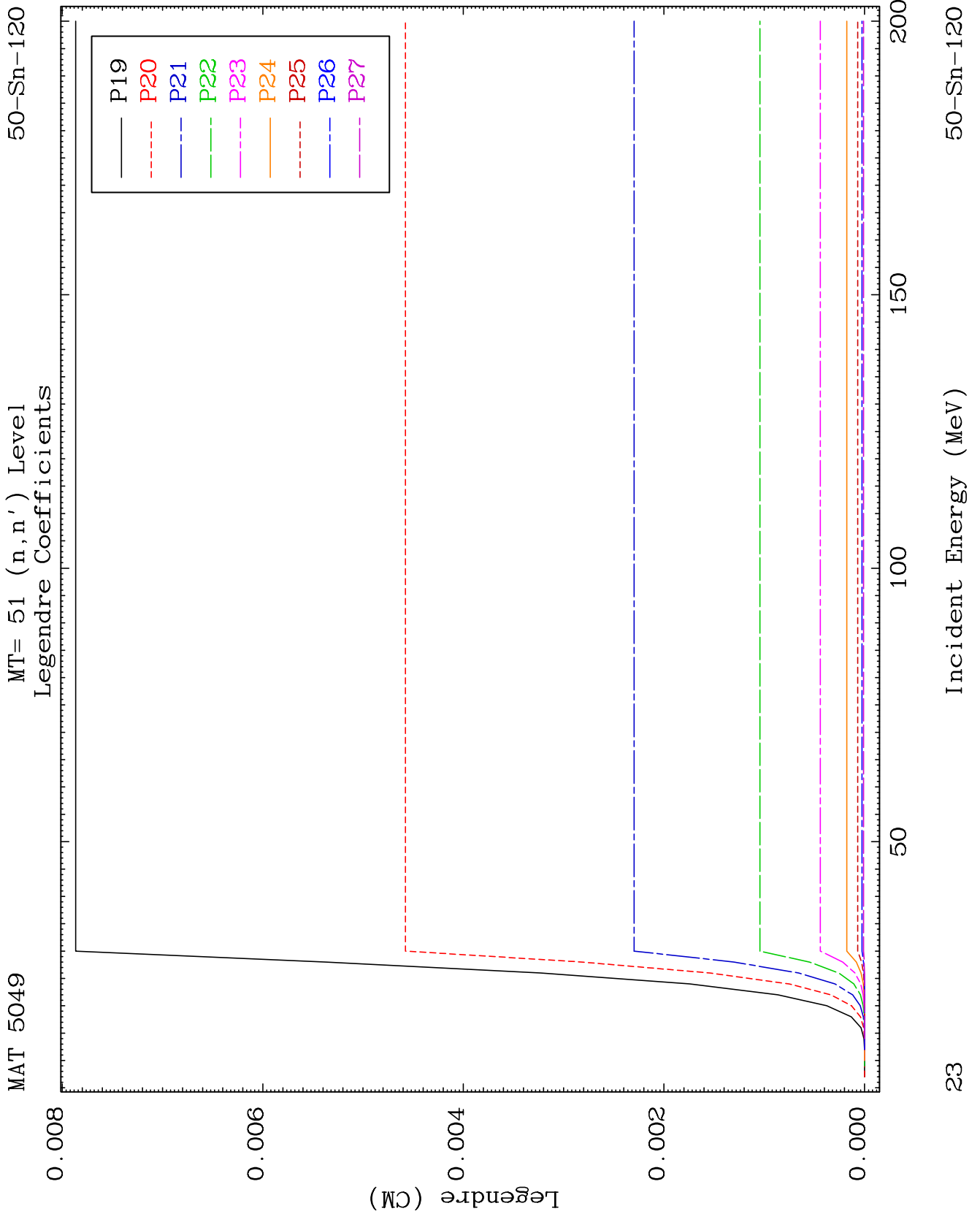
Incident Energy (MeV)

50-Sn-120







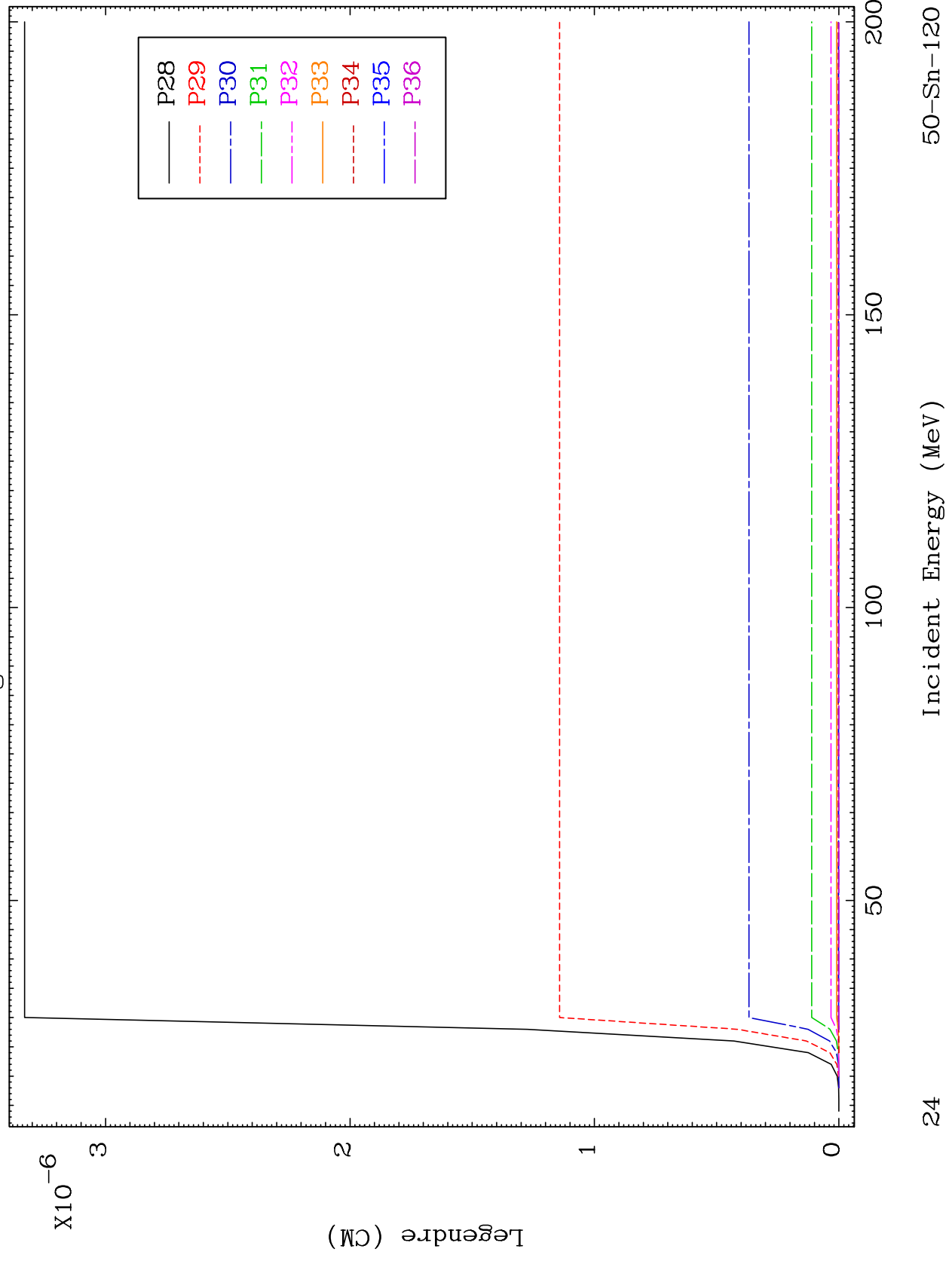




MAT 5049

MT= 51 (n,n') Level  
Legendre Coefficients

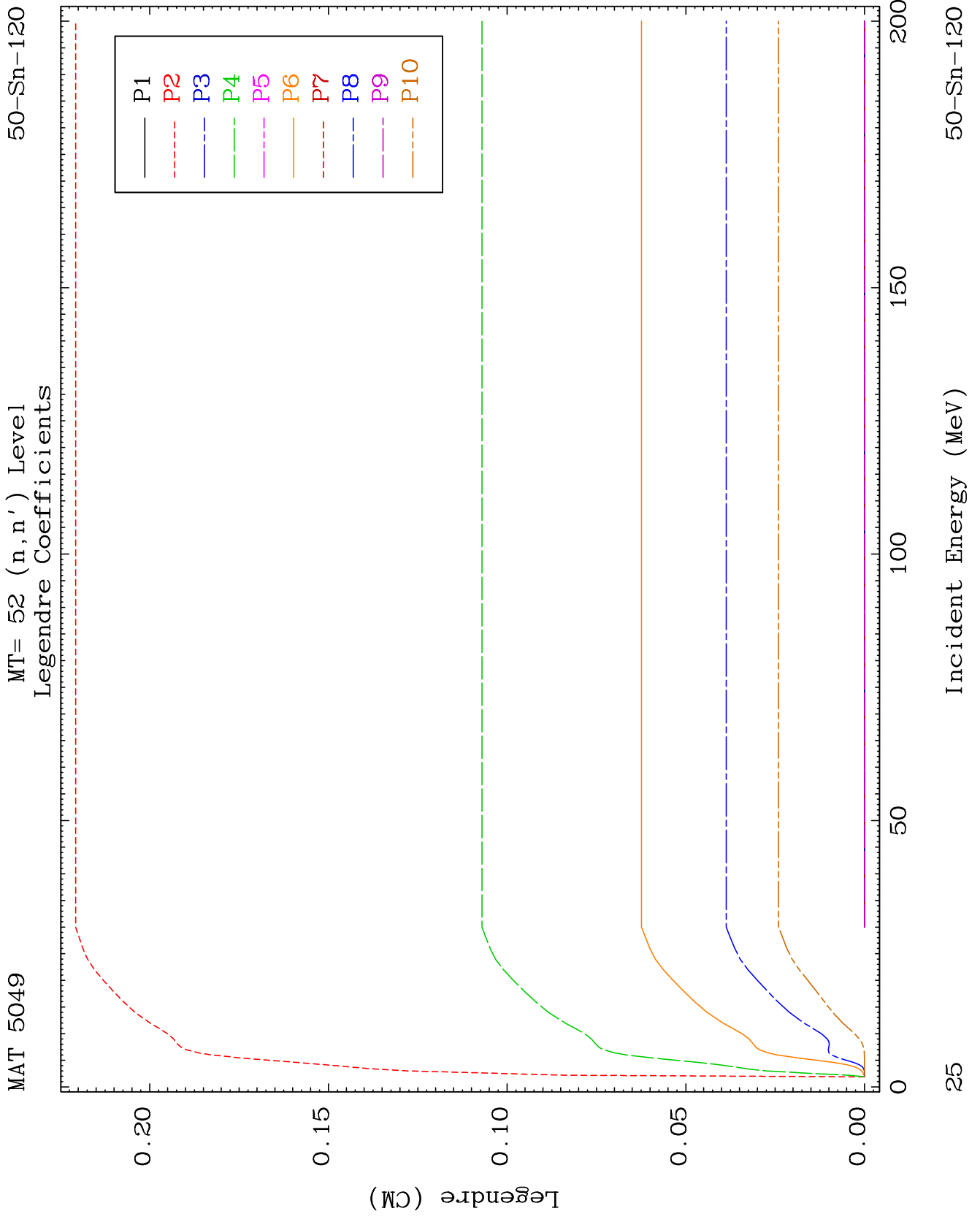
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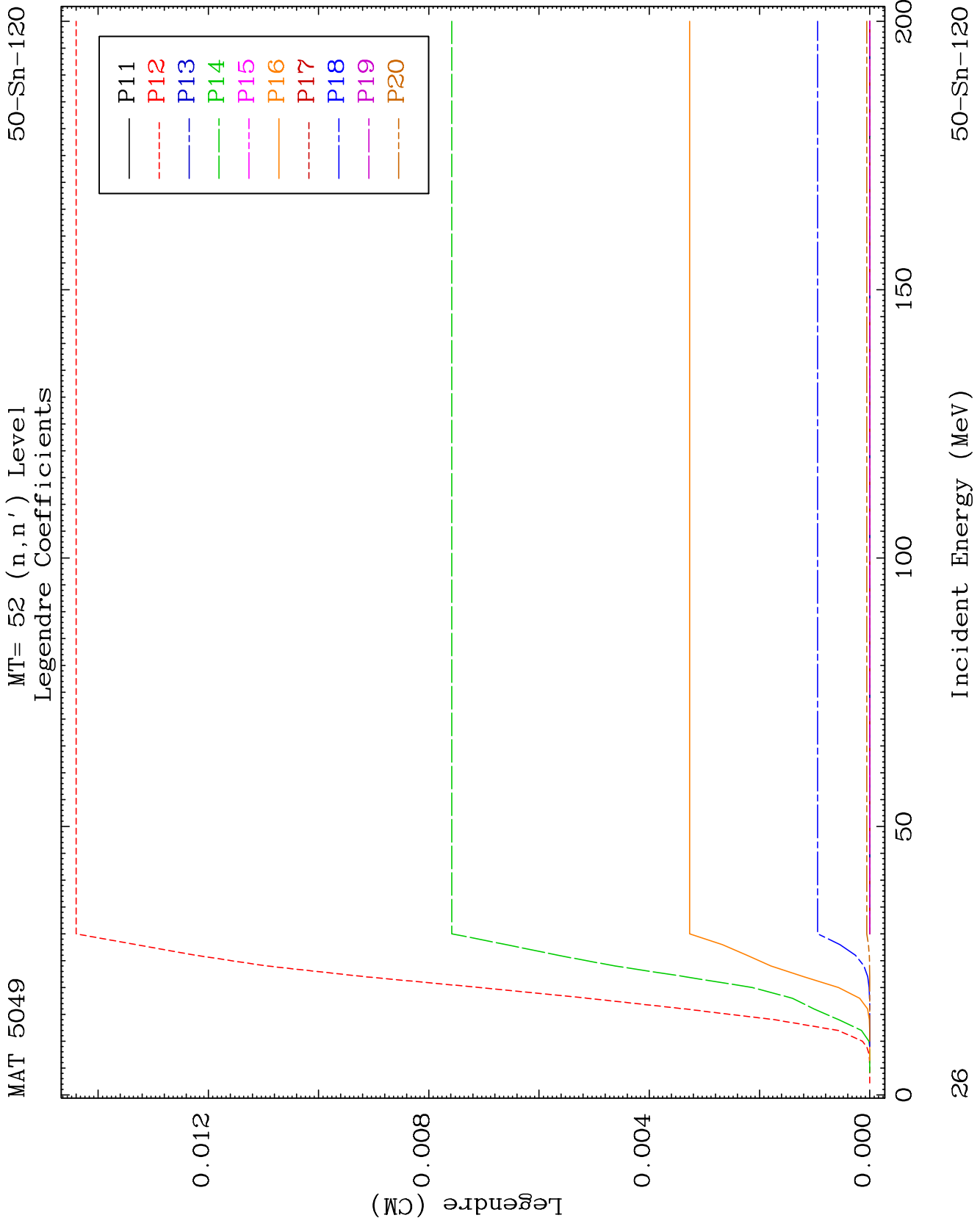


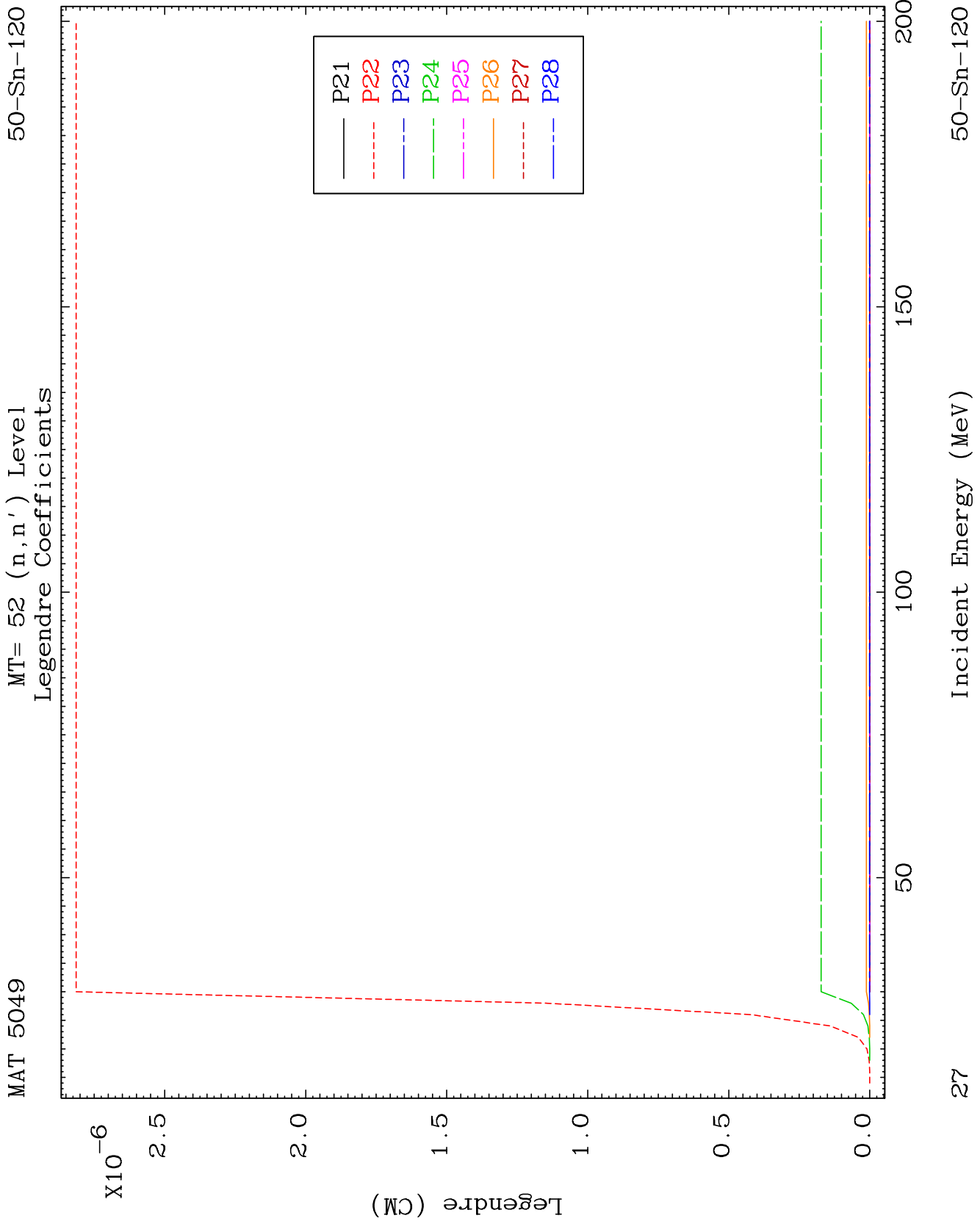
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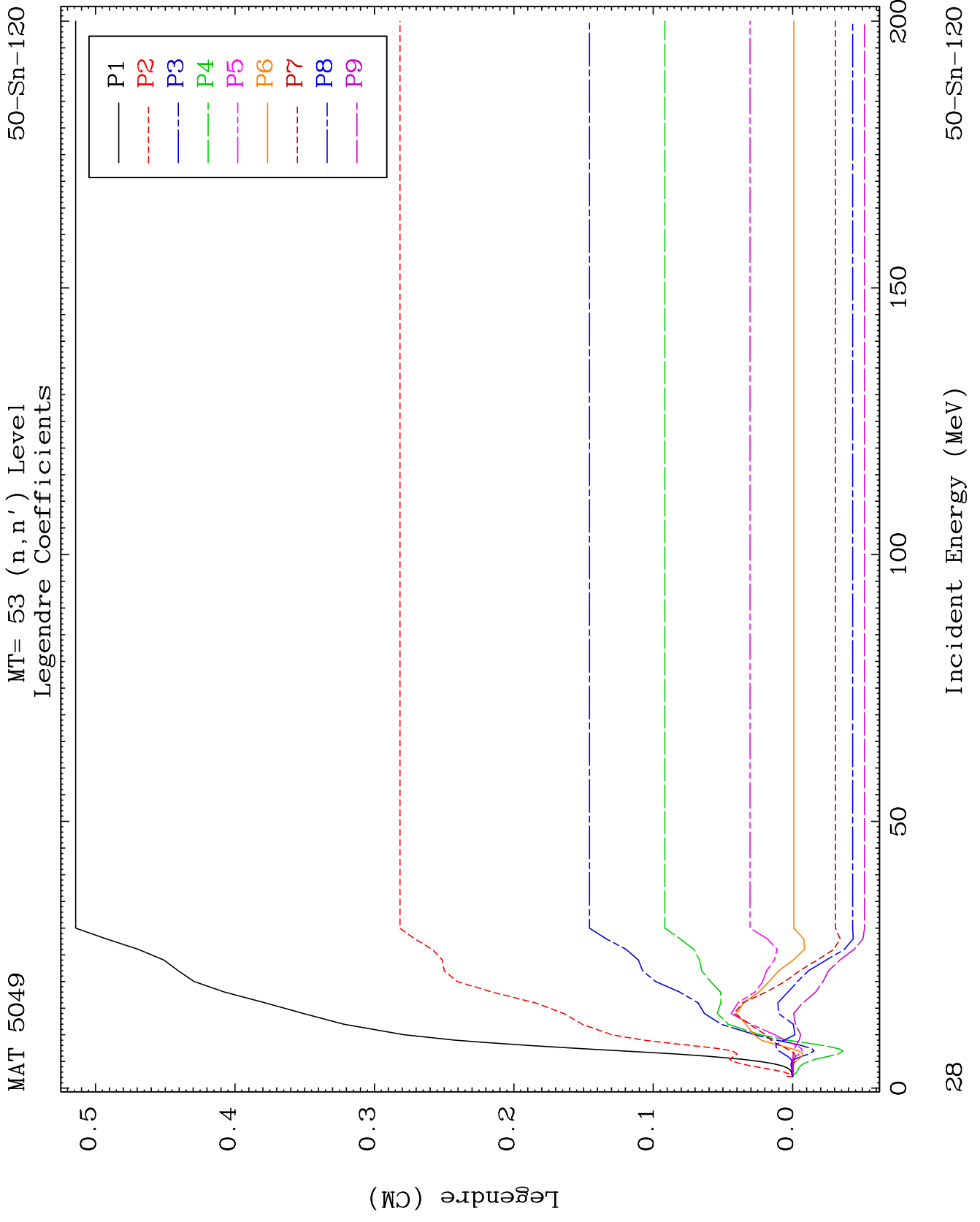
Incident Energy (MeV)

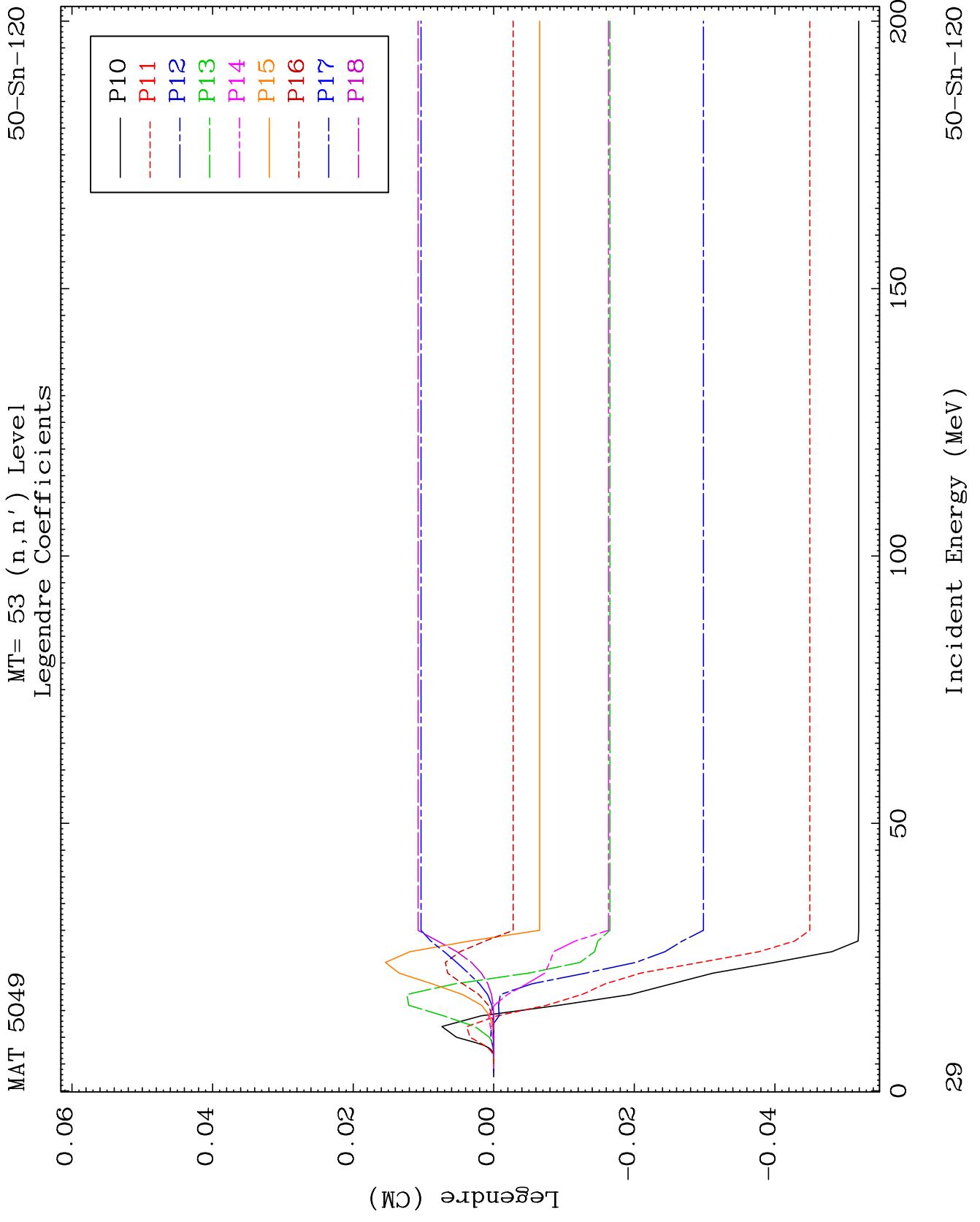
50-Sn-120







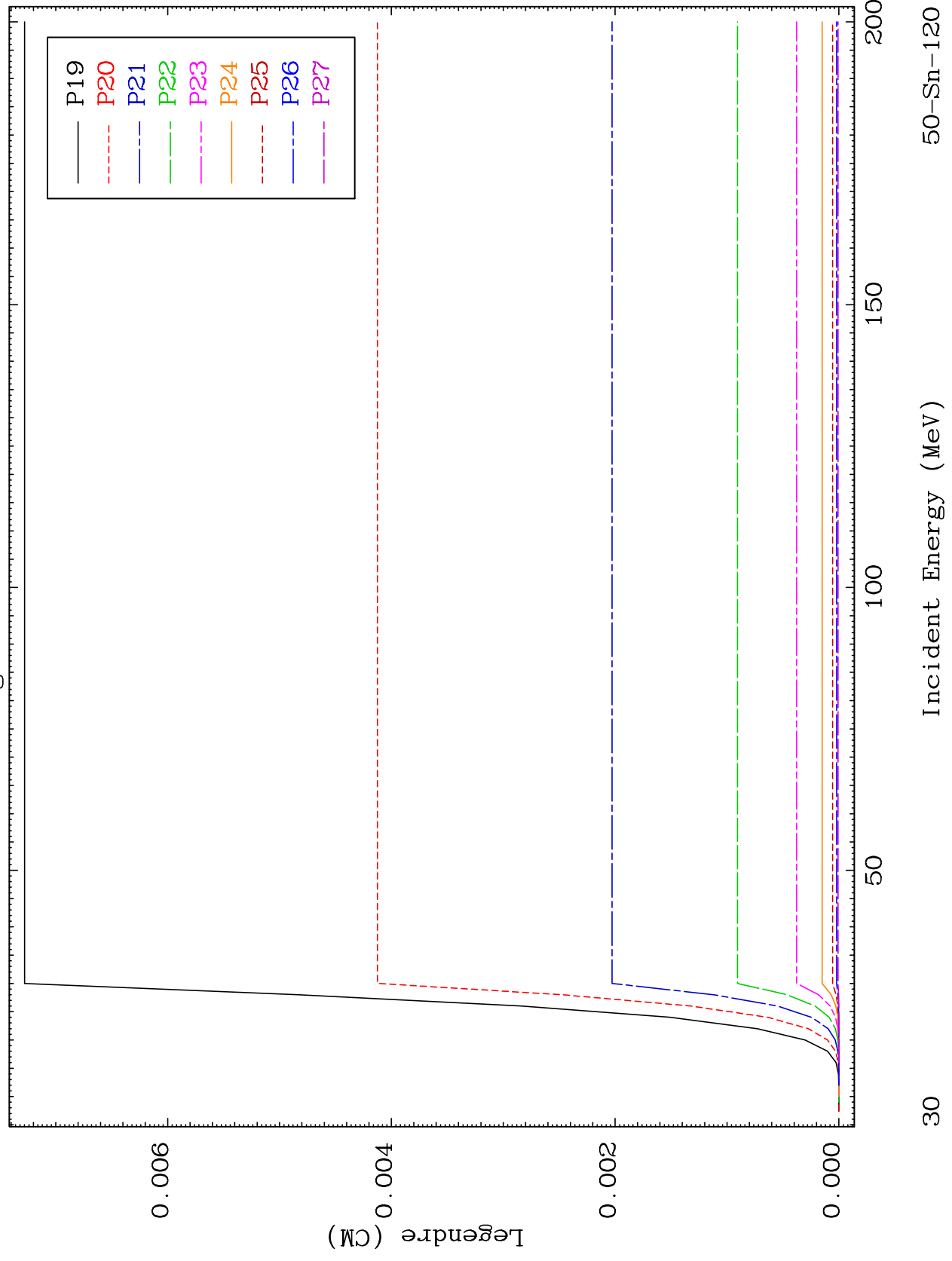


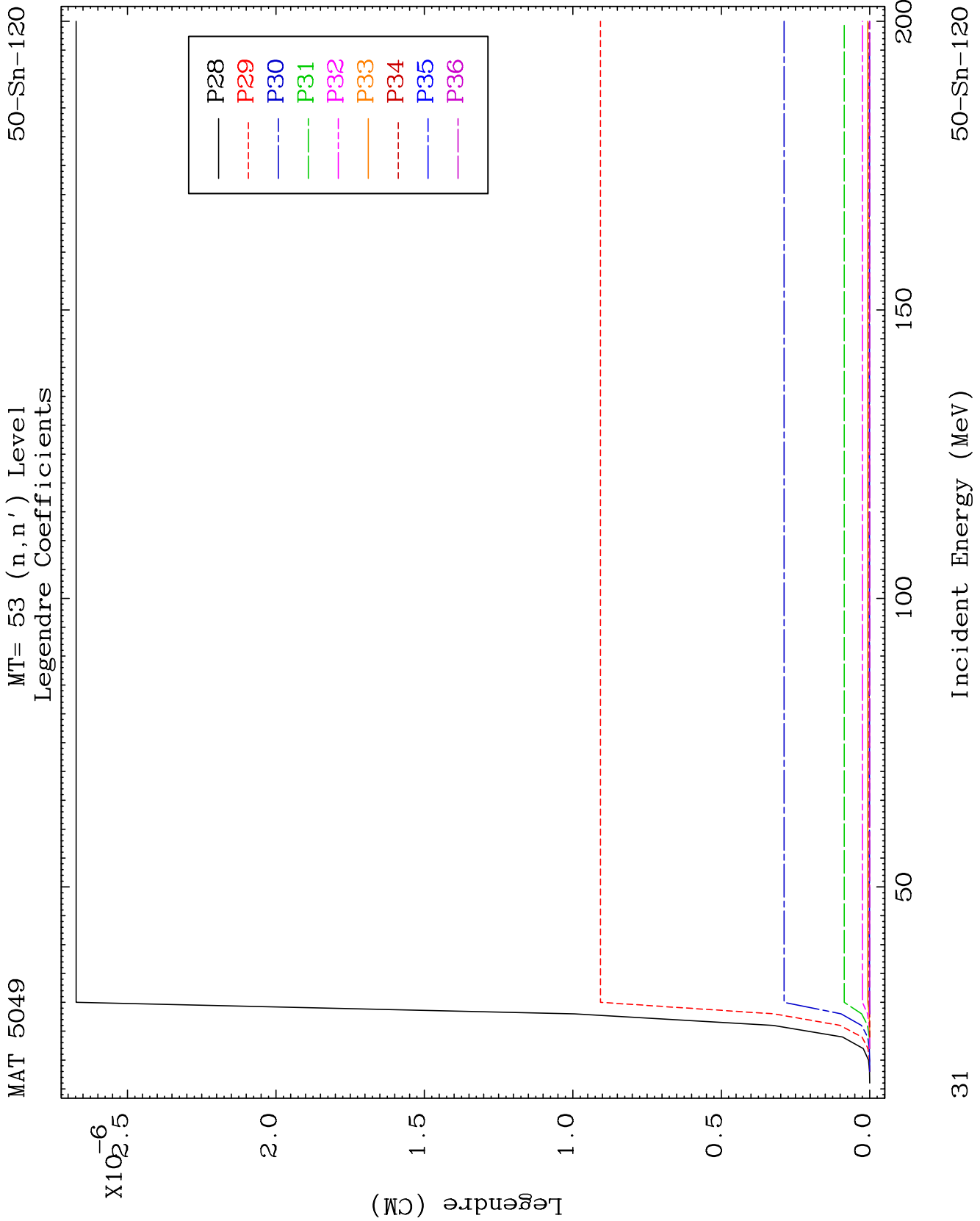


MAT 5049

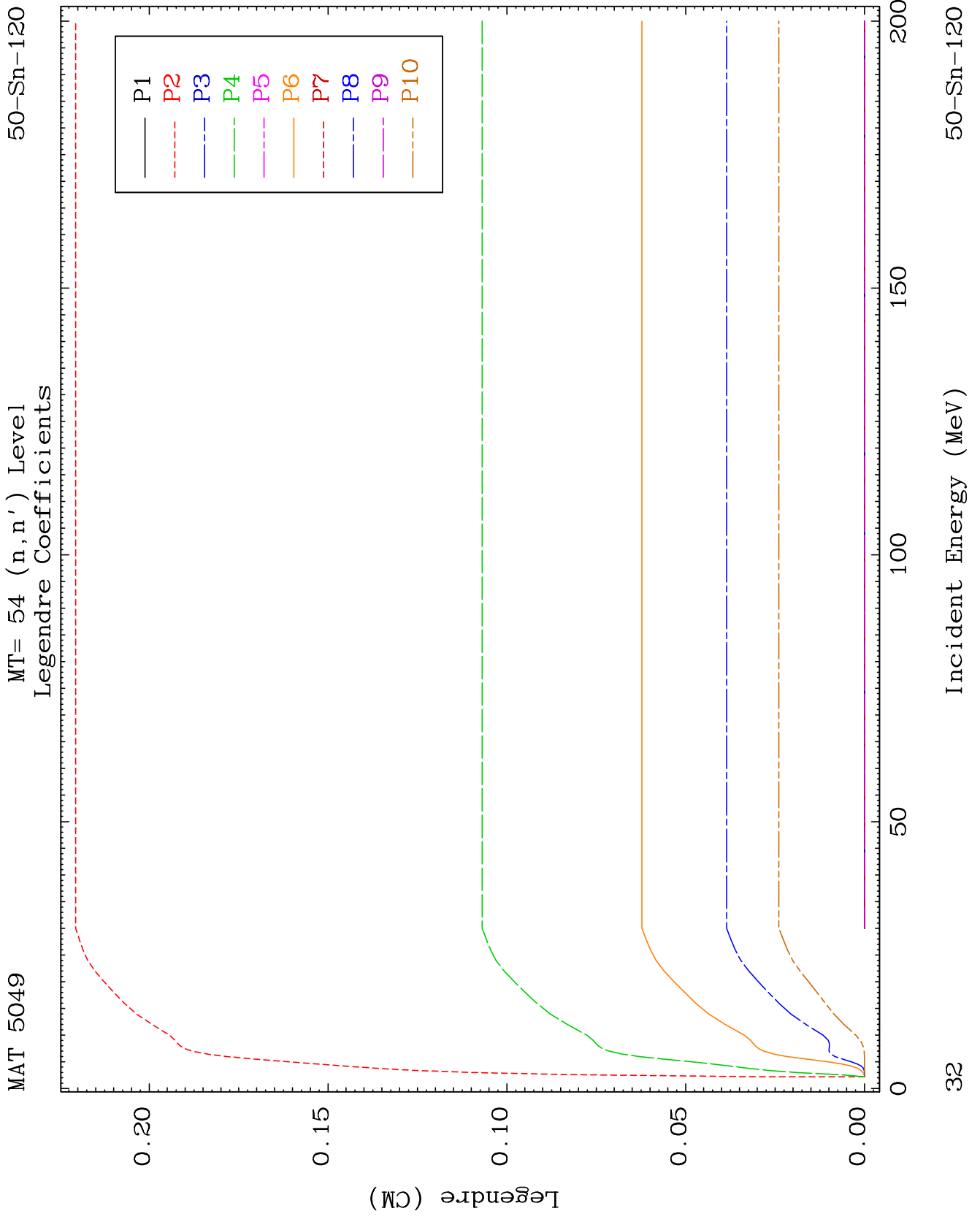
MT= 53 (n,n') Level  
Legendre Coefficients

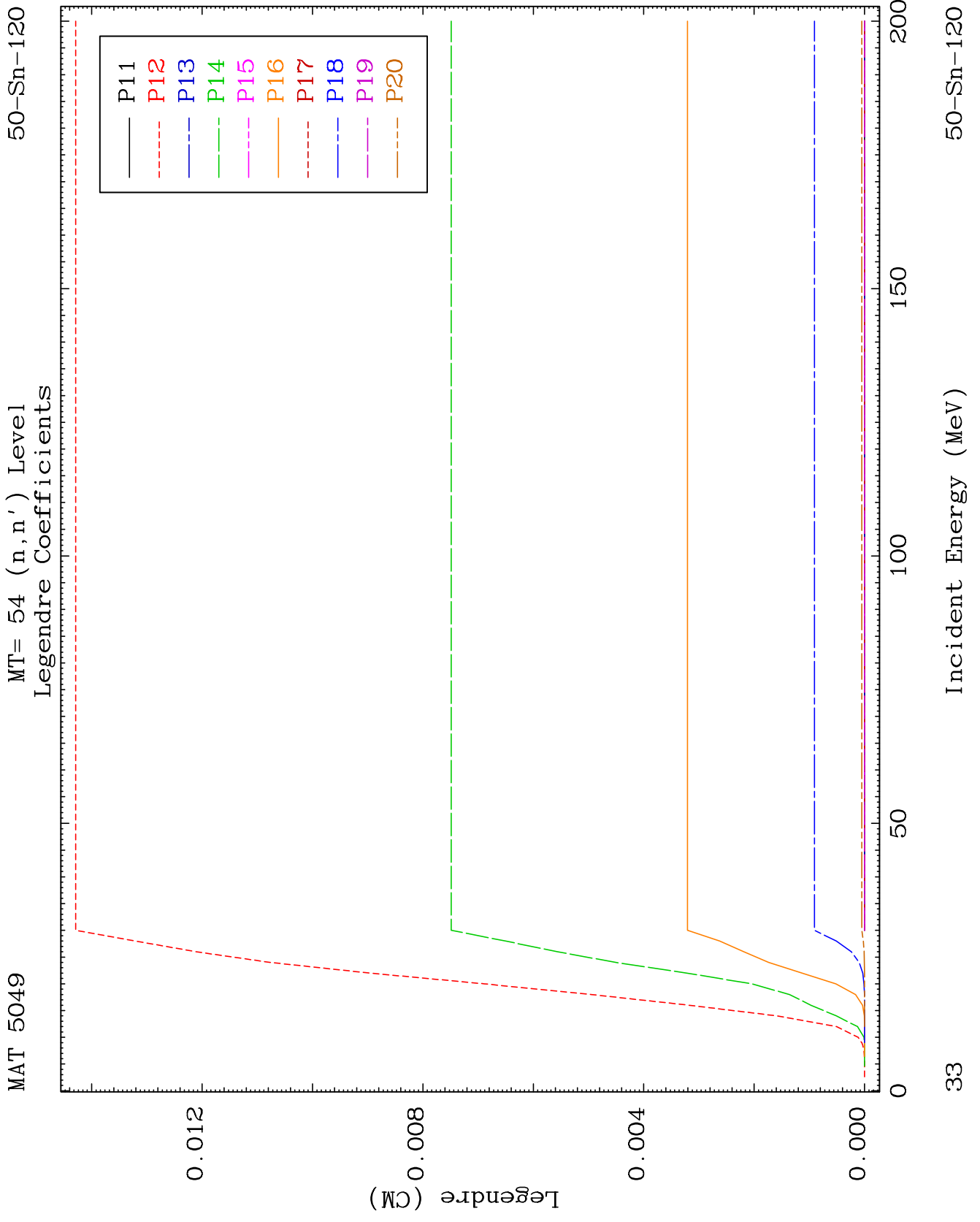
50-Sn-120

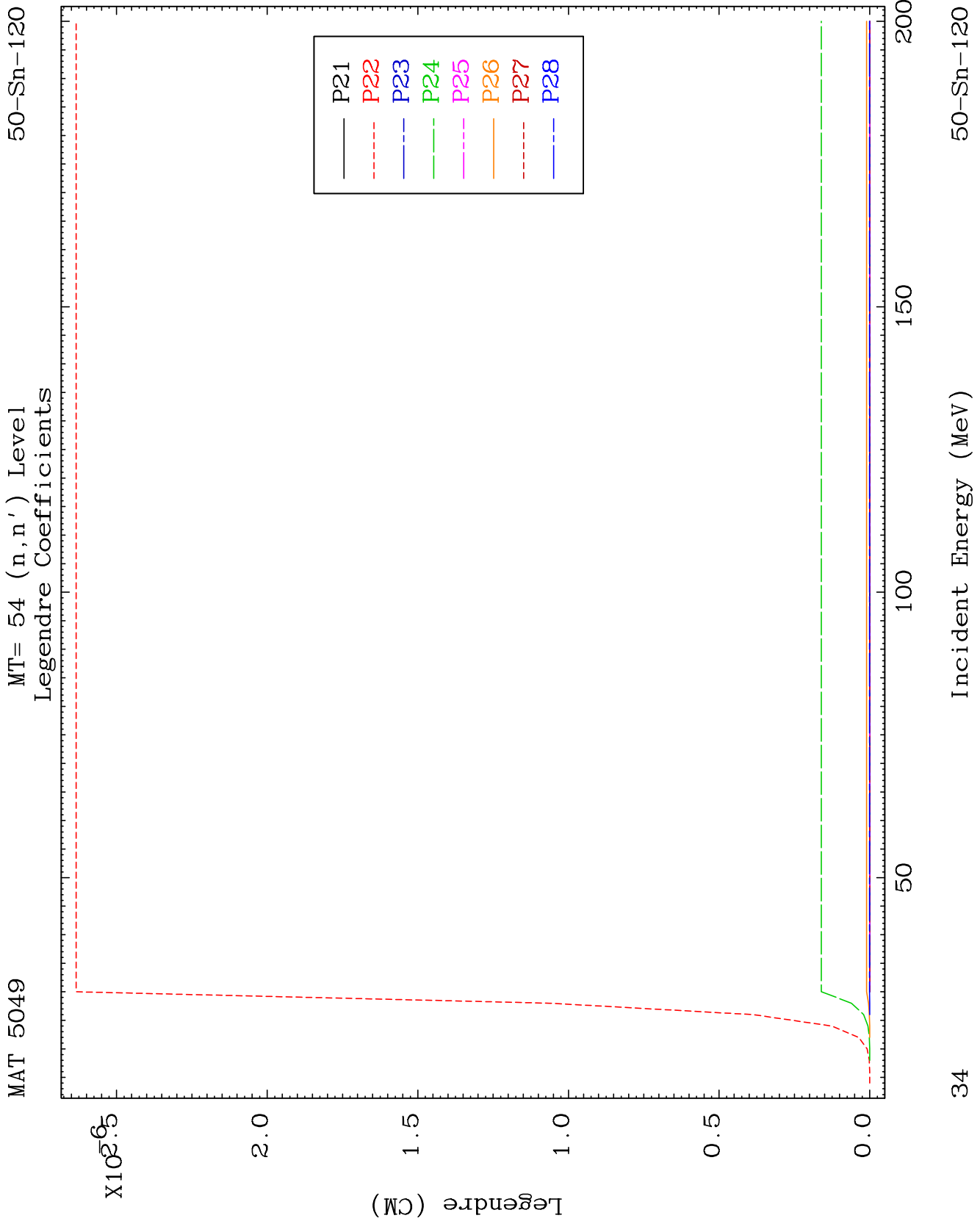










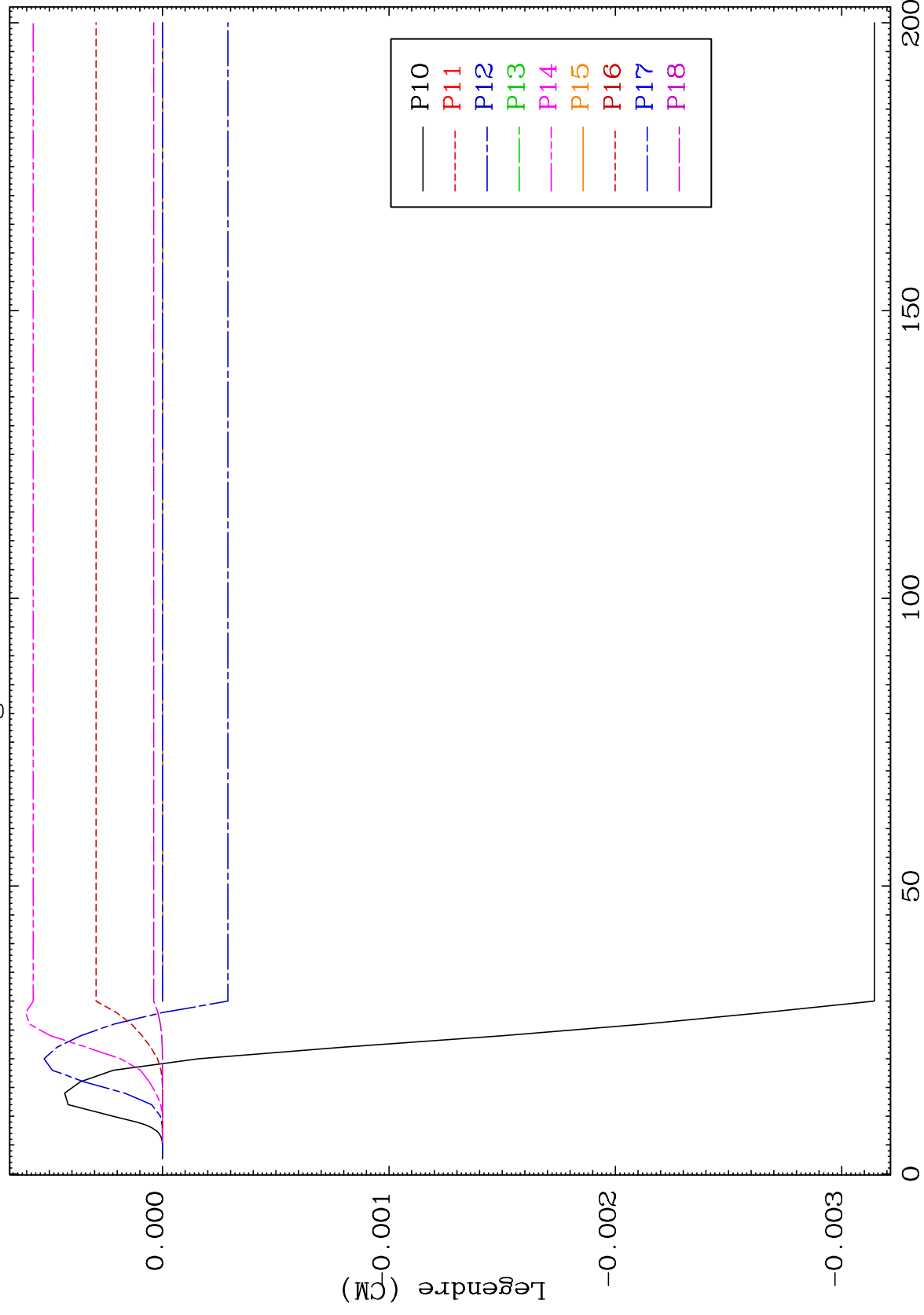




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MT= 55 (n,n') Level  
Legendre Coefficients

50-Sn-120



36

Incident Energy (MeV)

50-Sn-120

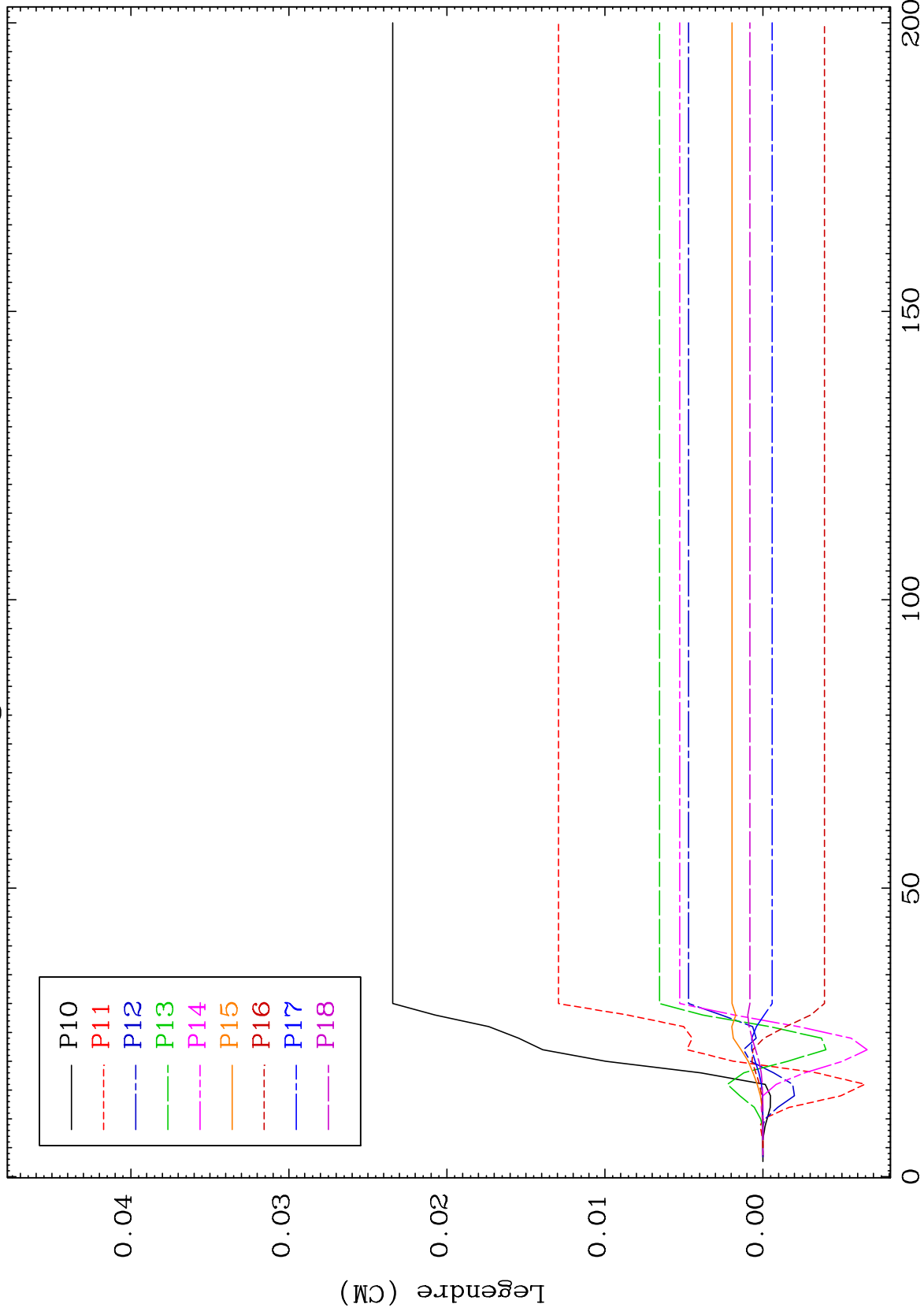




MAT 5049

MT= 56 (n,n') Level  
Legendre Coefficients

50-Sn-120



39

Incident Energy (MeV)

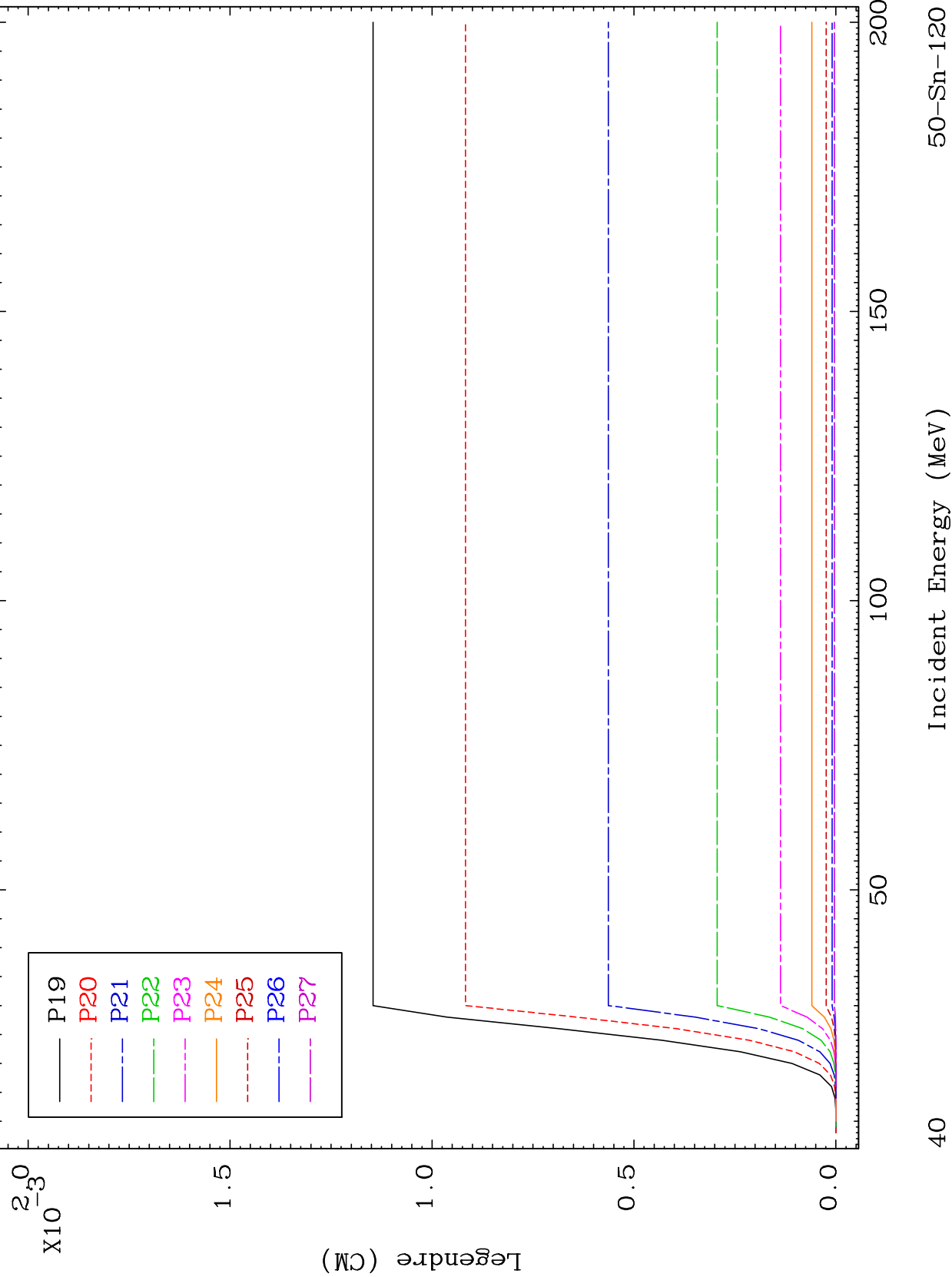
50-Sn-120



MAT 5049

MT= 56 (n,n') Level  
Legendre Coefficients

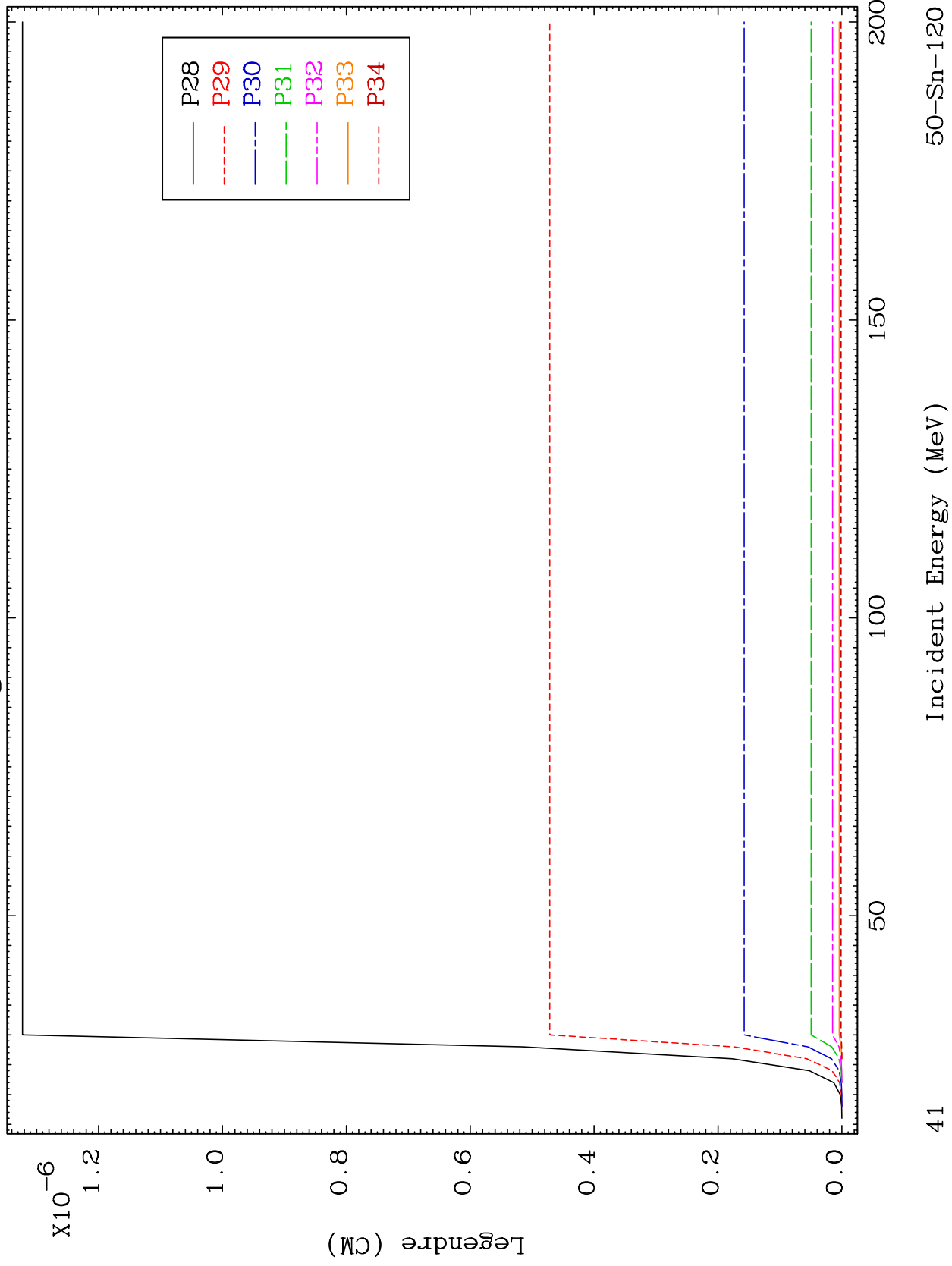
50-Sn-120



MAT 5049

MT= 56 (n,n') Level  
Legendre Coefficients

50-Sn-120

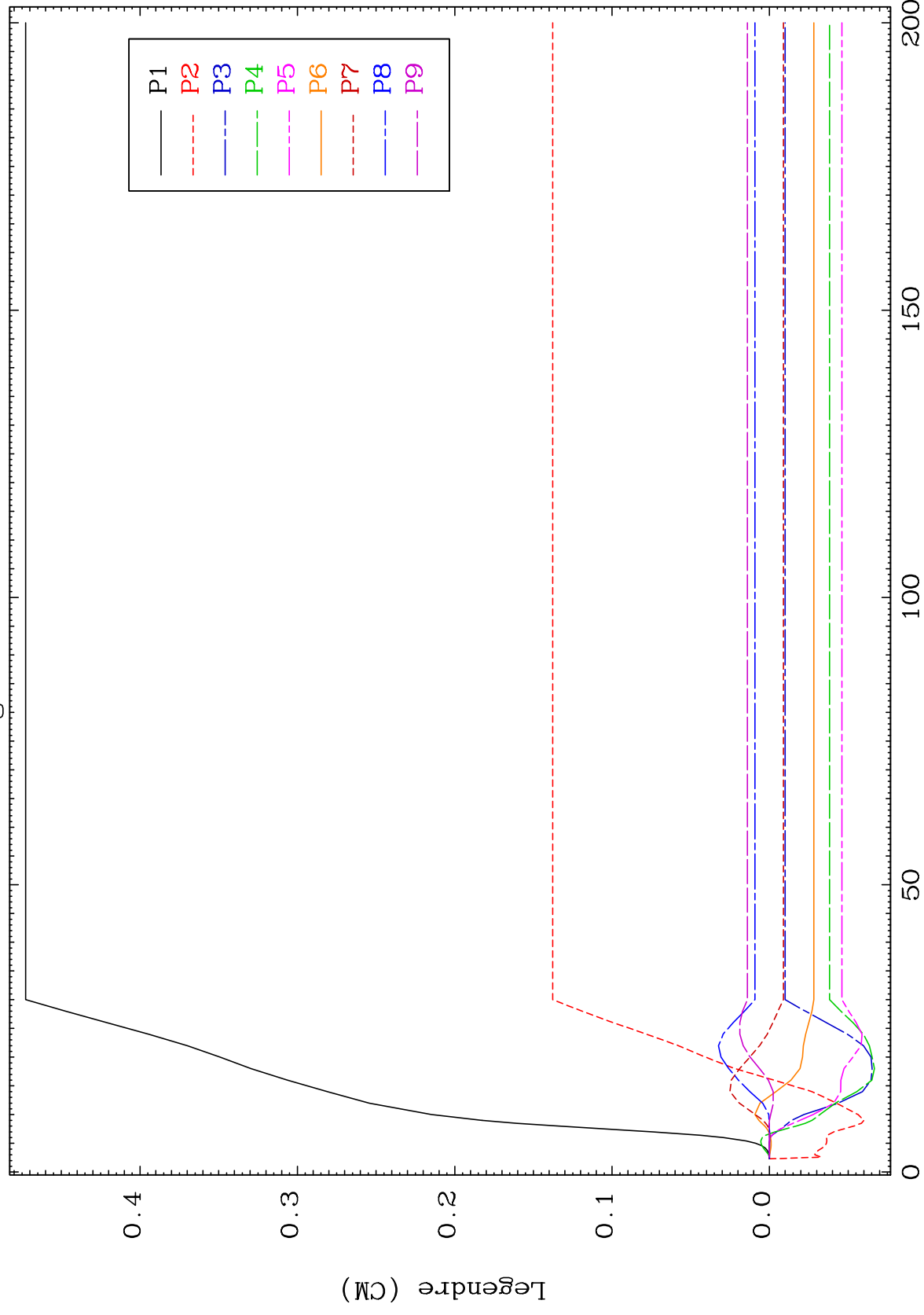


41

MAT 5049

MT= 57 (n,n') Level  
Legendre Coefficients

50-Sn-120



42

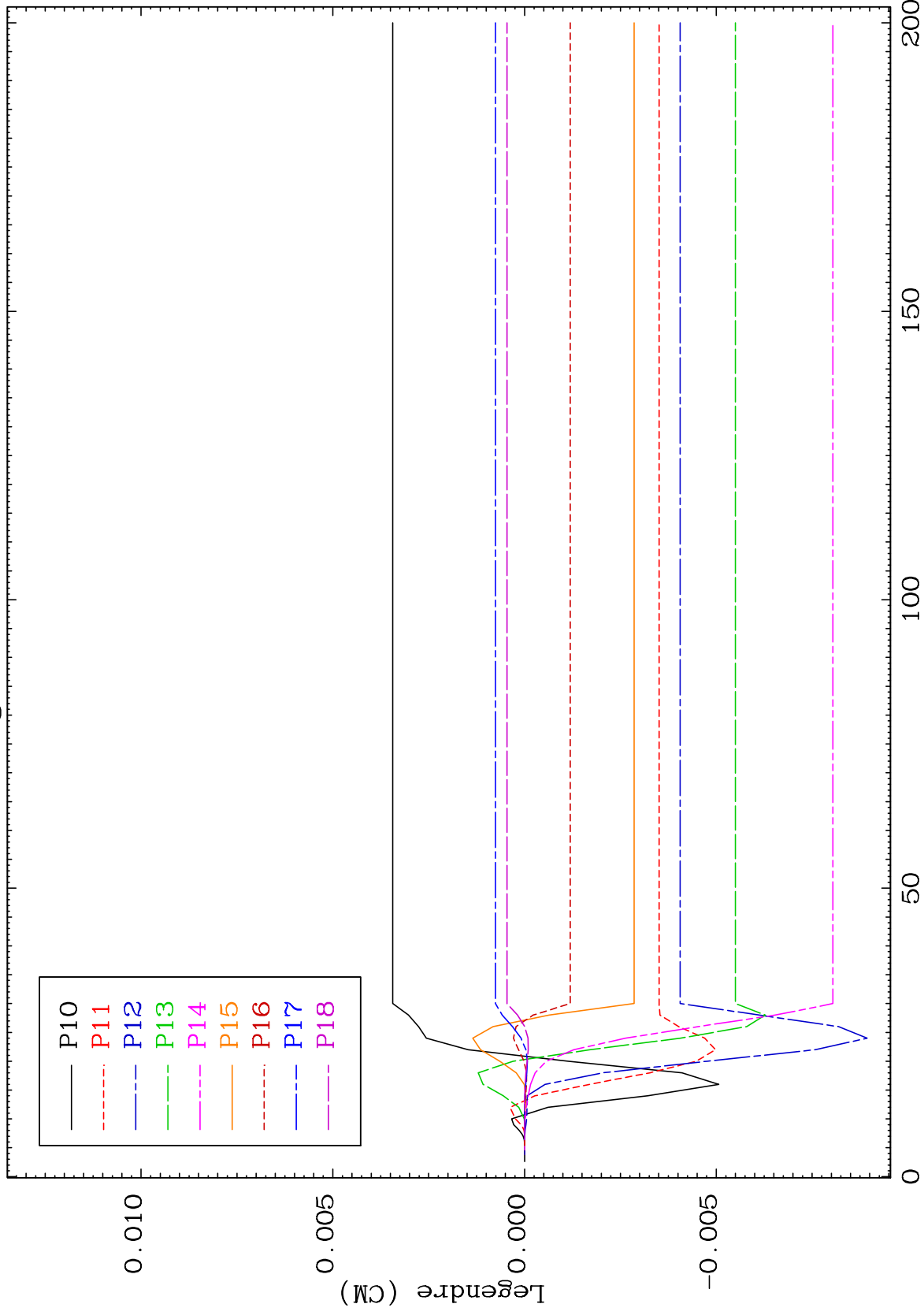
Incident Energy (MeV)

50-Sn-120

MAT 5049

MT= 57 (n,n') Level  
Legendre Coefficients

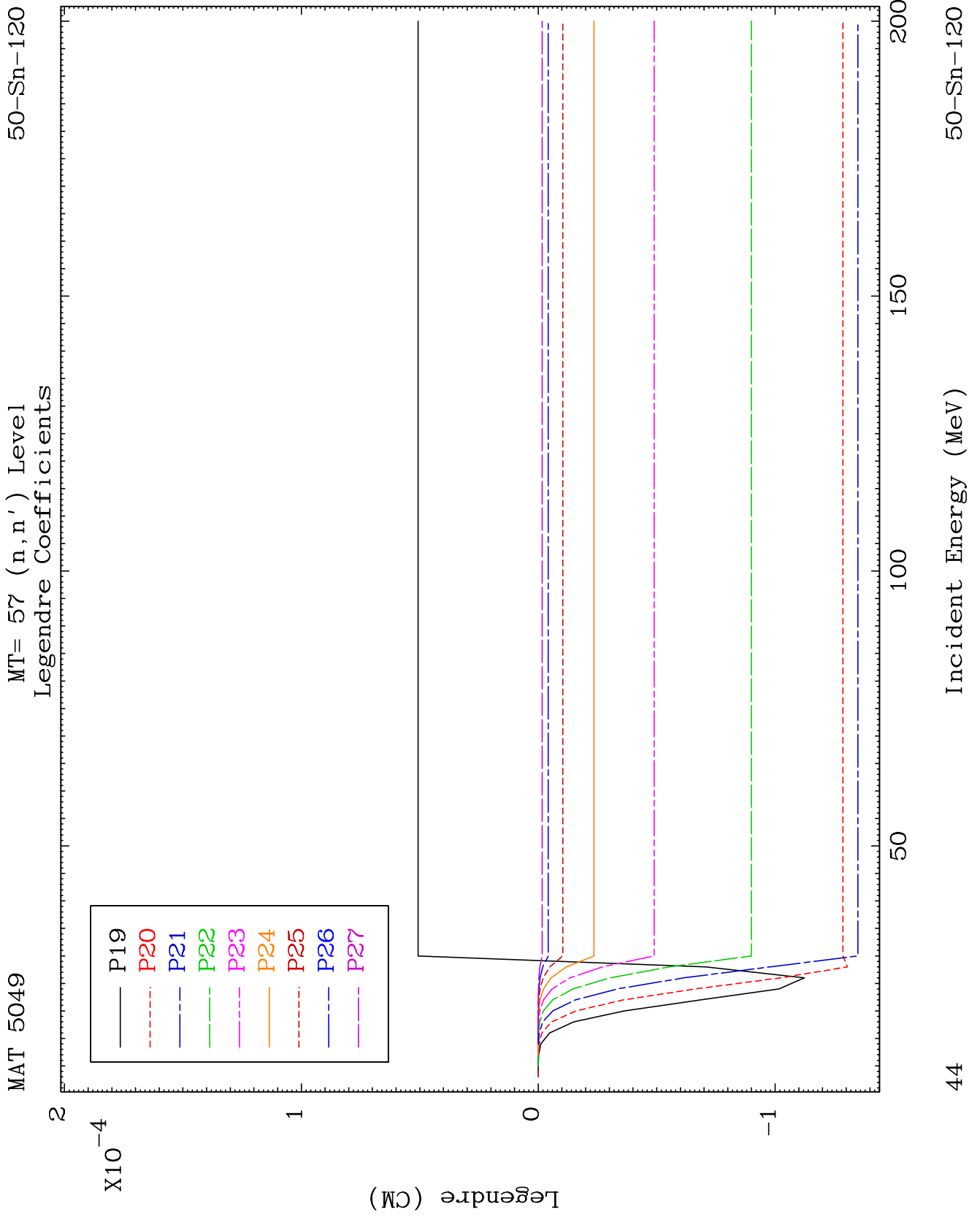
50-Sn-120

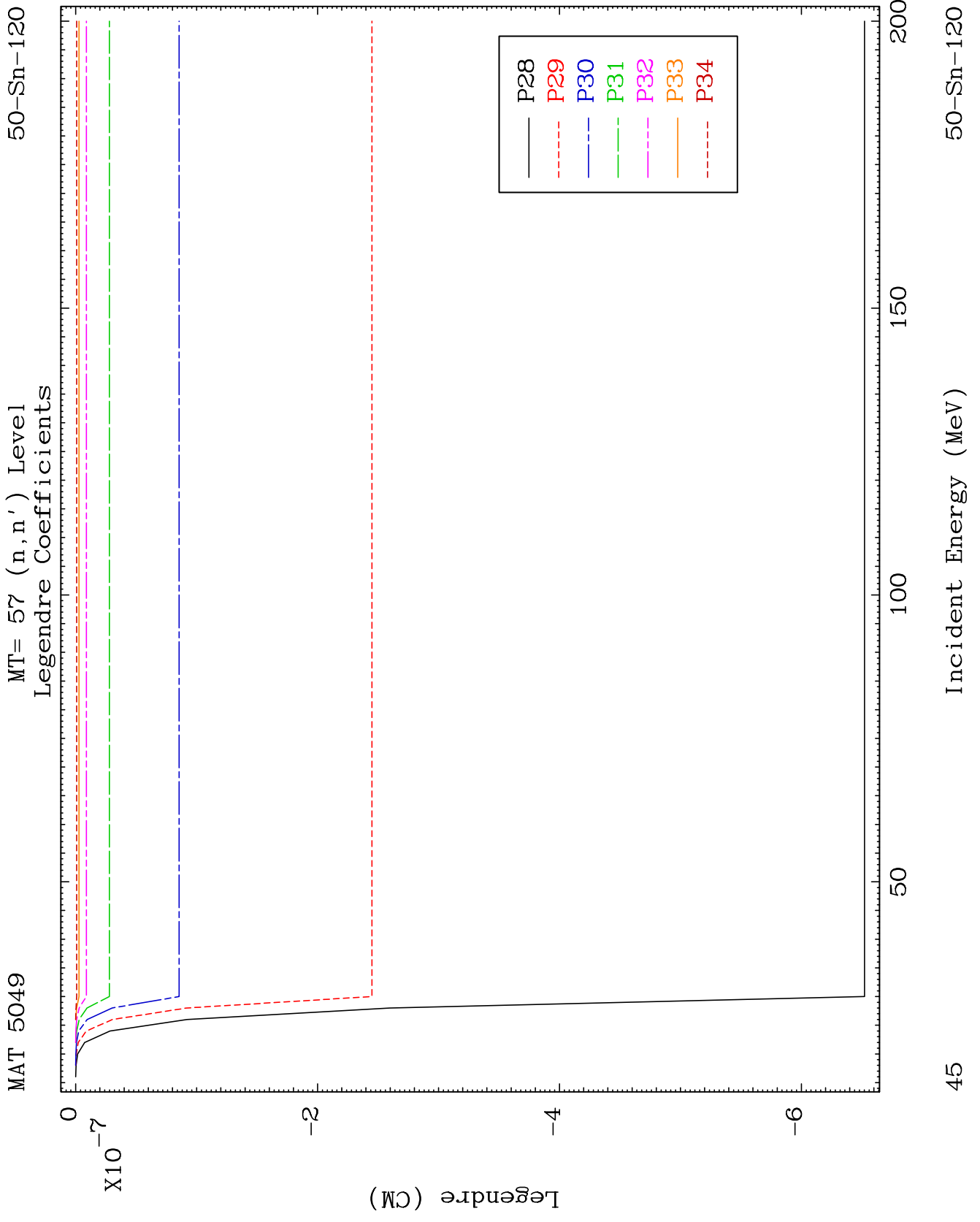


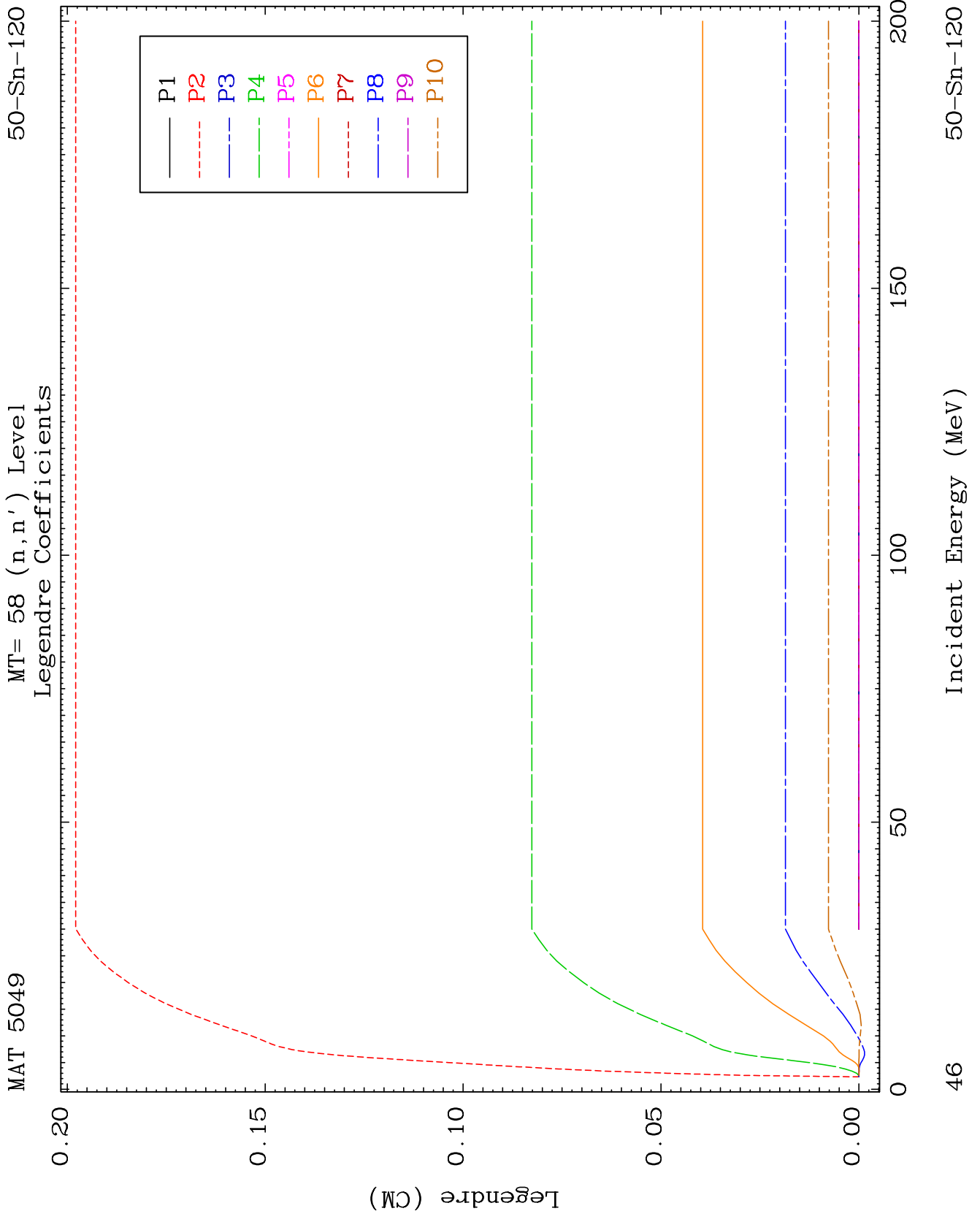
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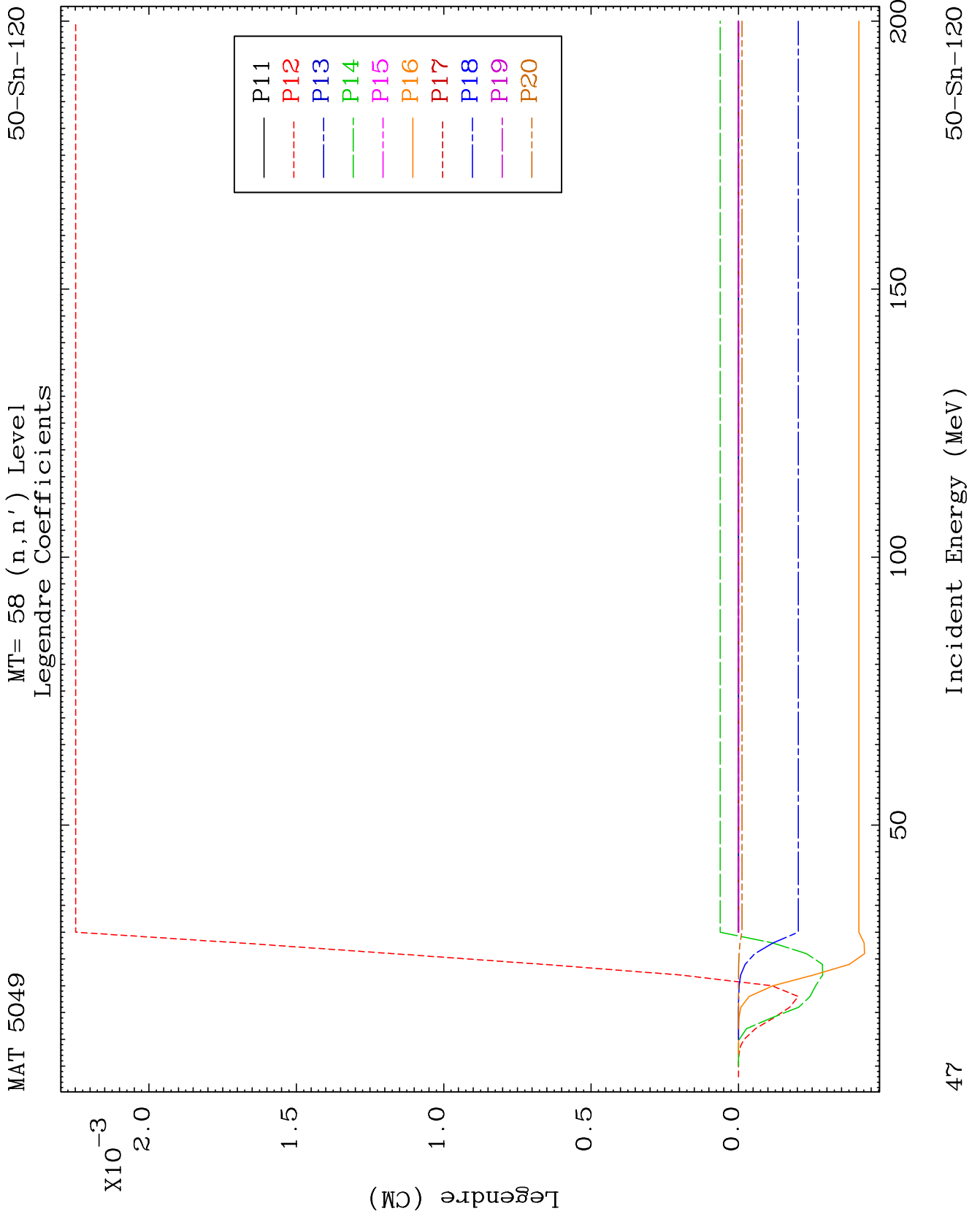
Incident Energy (MeV)

50-Sn-120

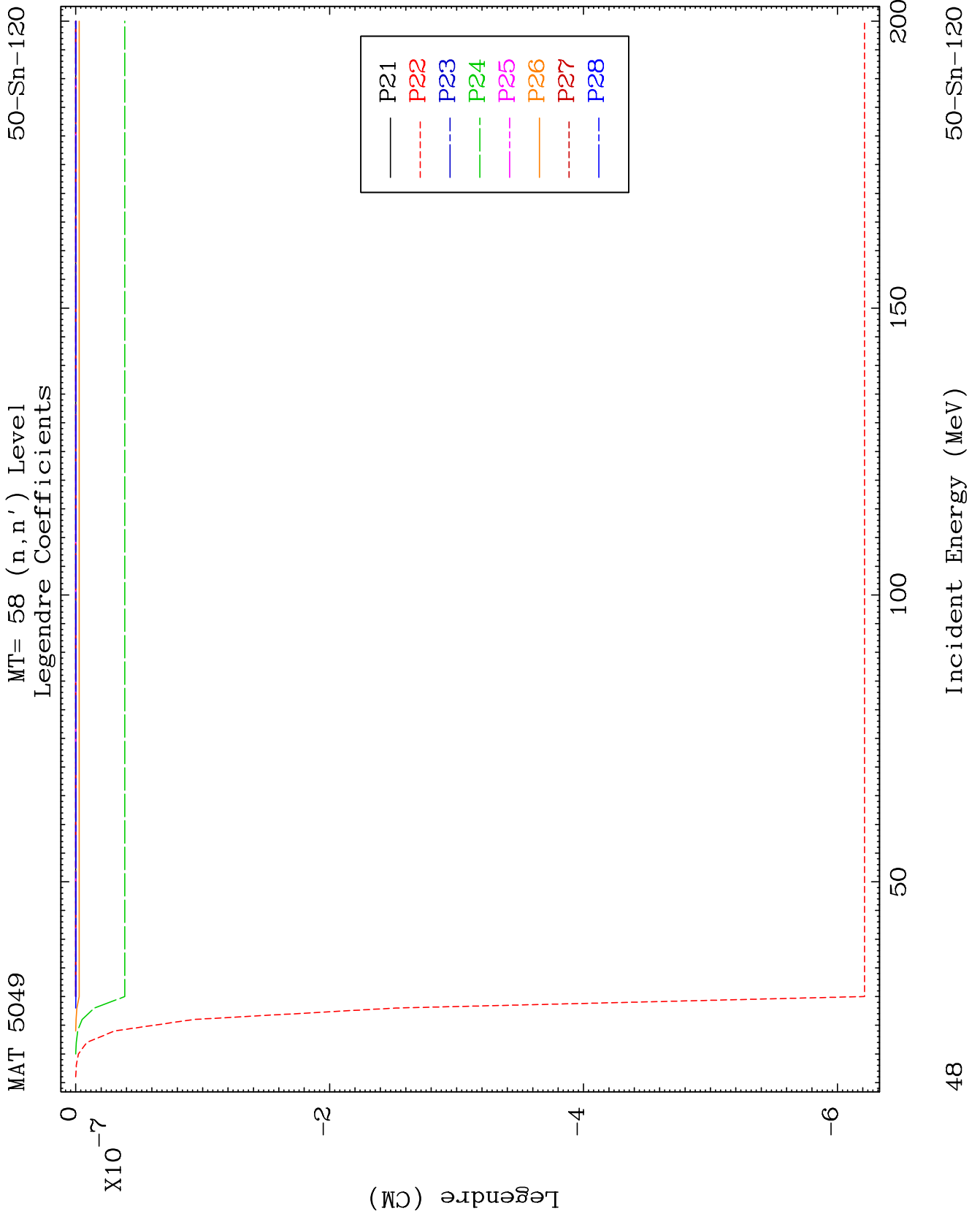




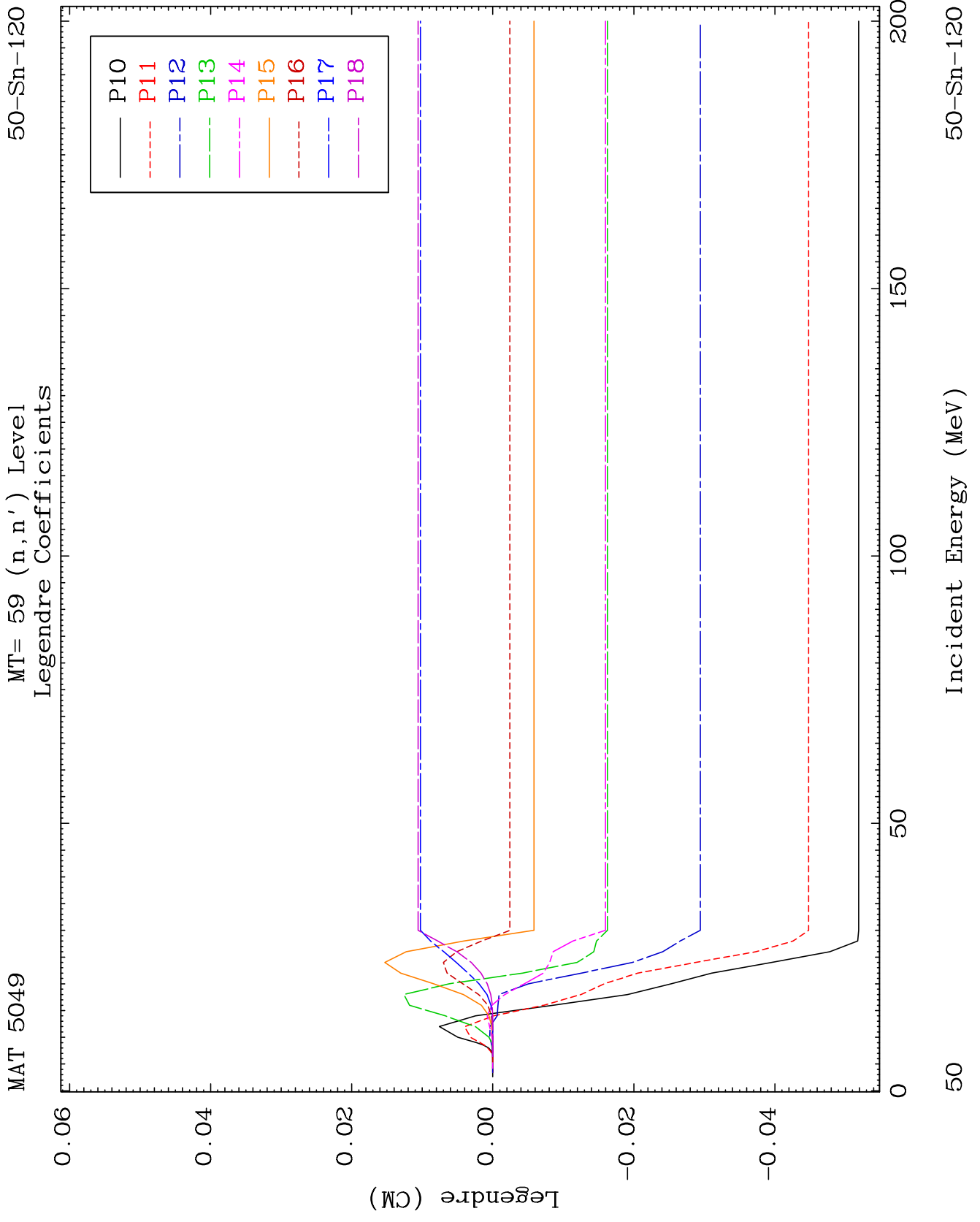


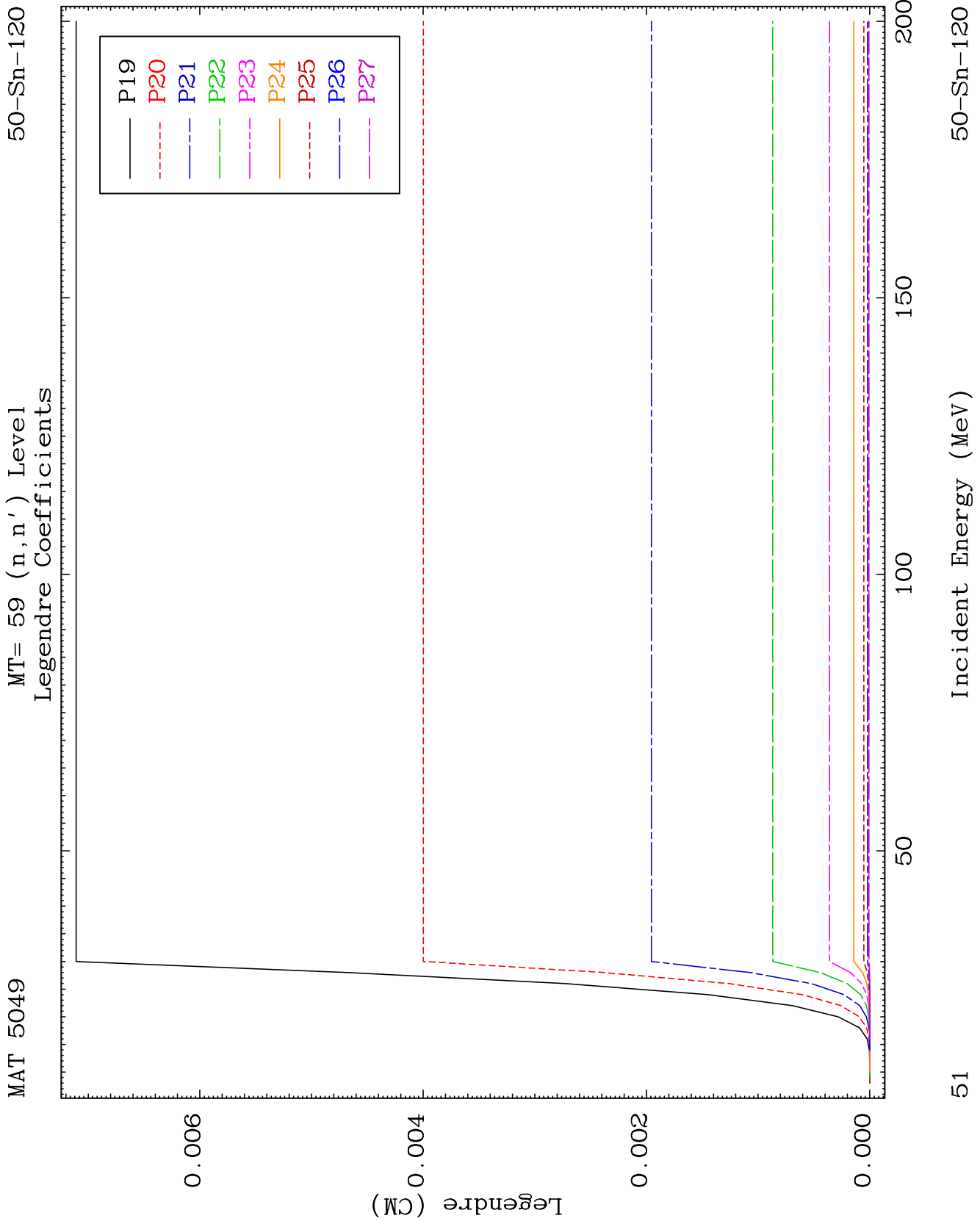


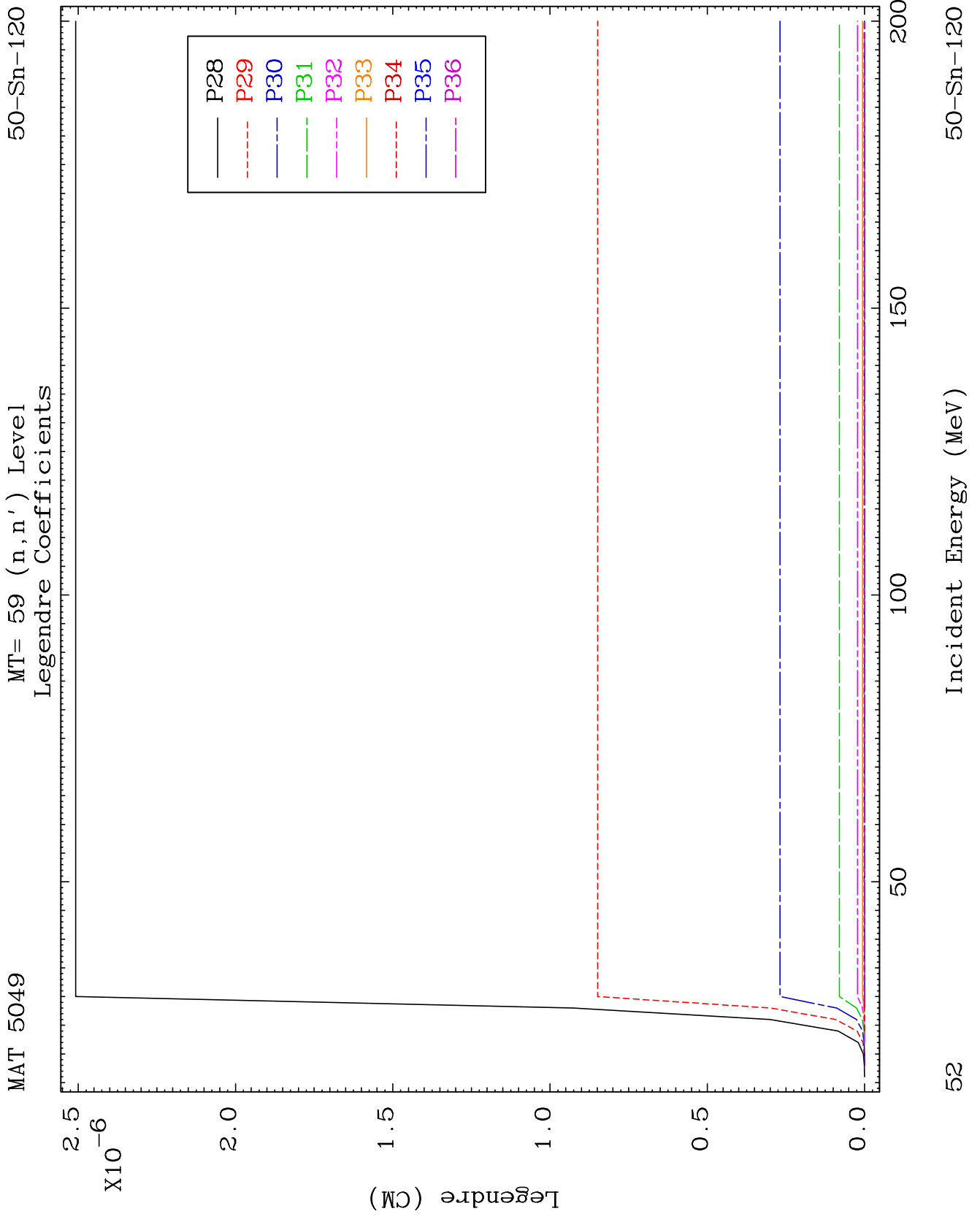












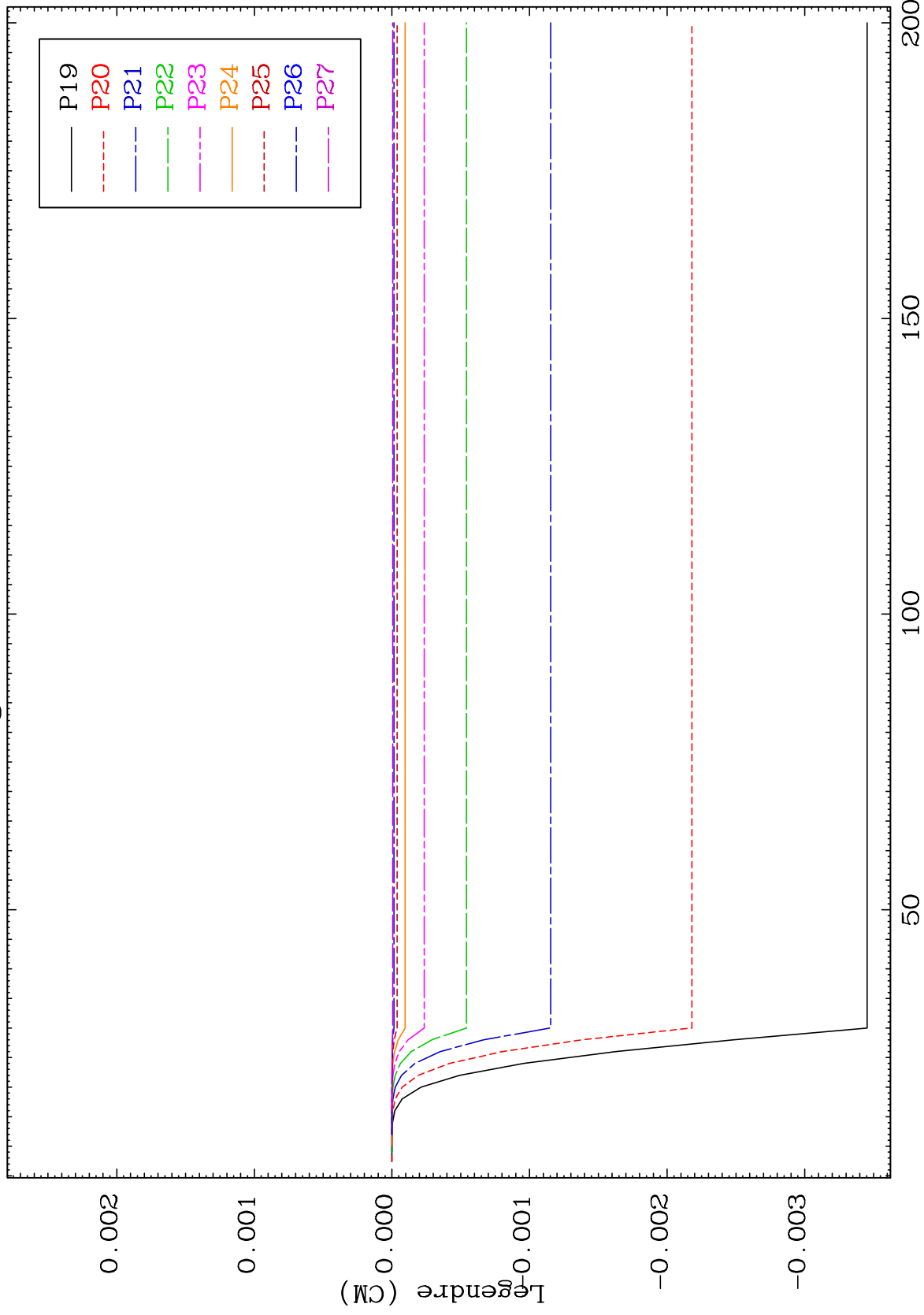




MAT 5049

MT= 60 (n,n') Level  
Legendre Coefficients

50-Sn-120

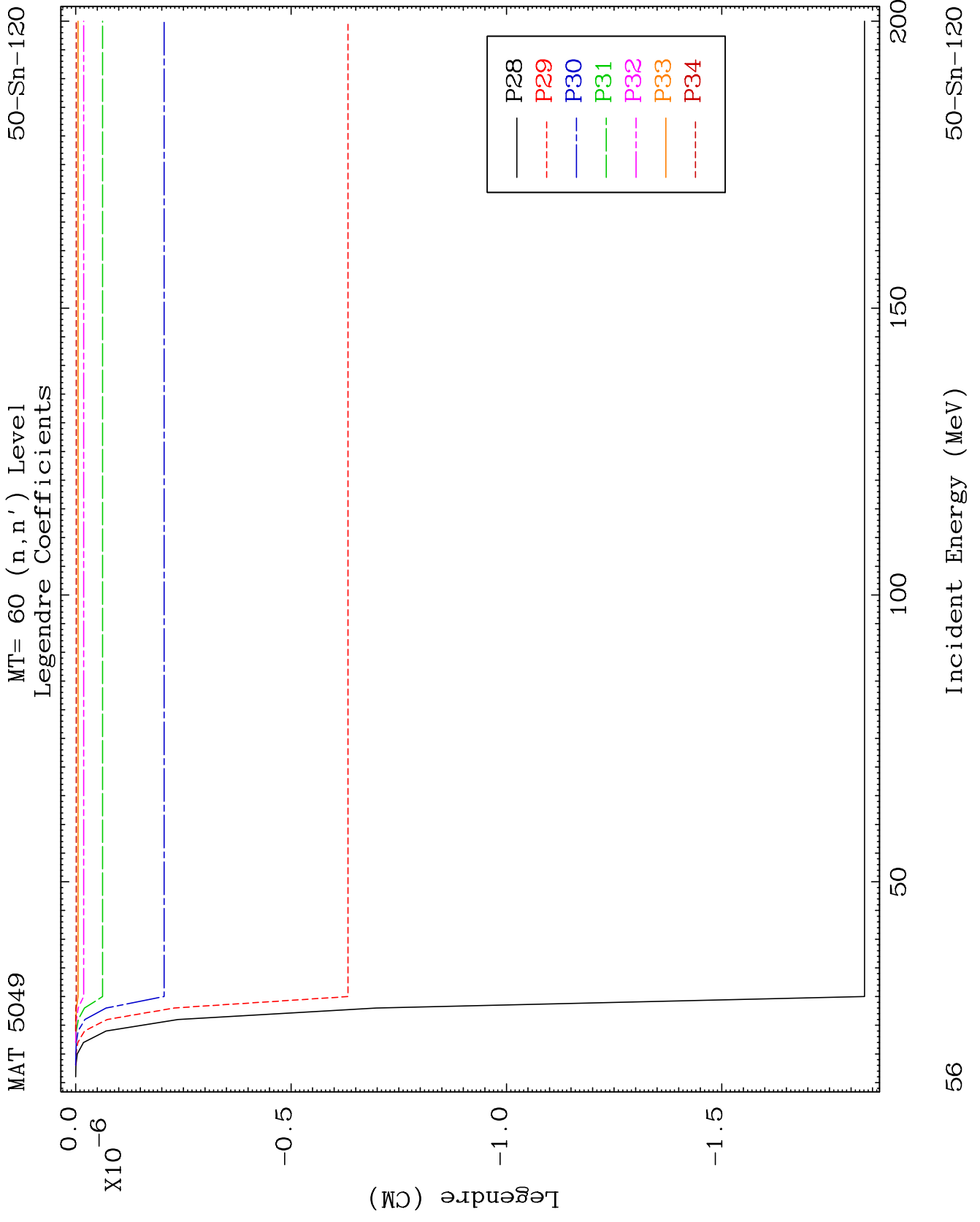


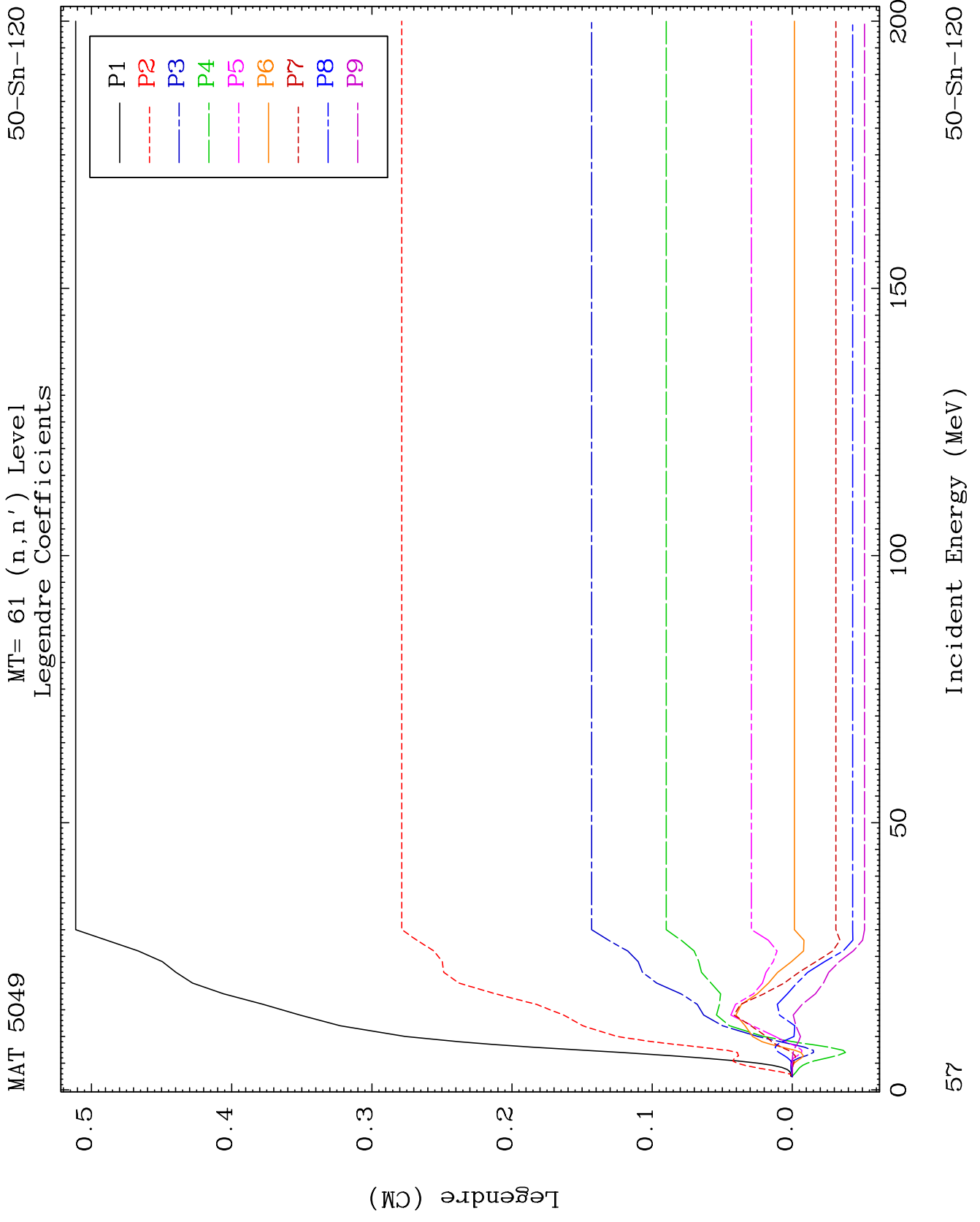
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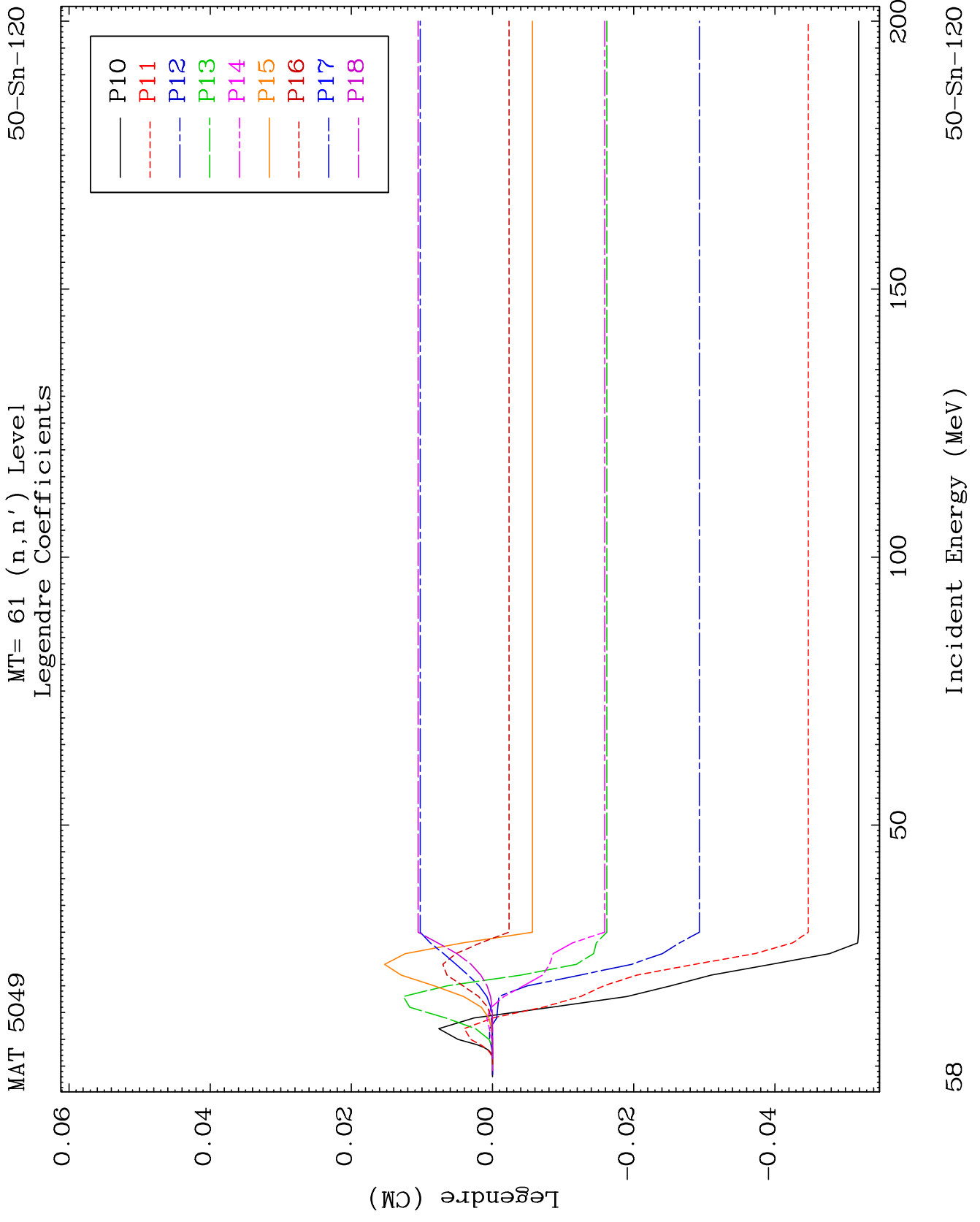
Incident Energy (MeV)

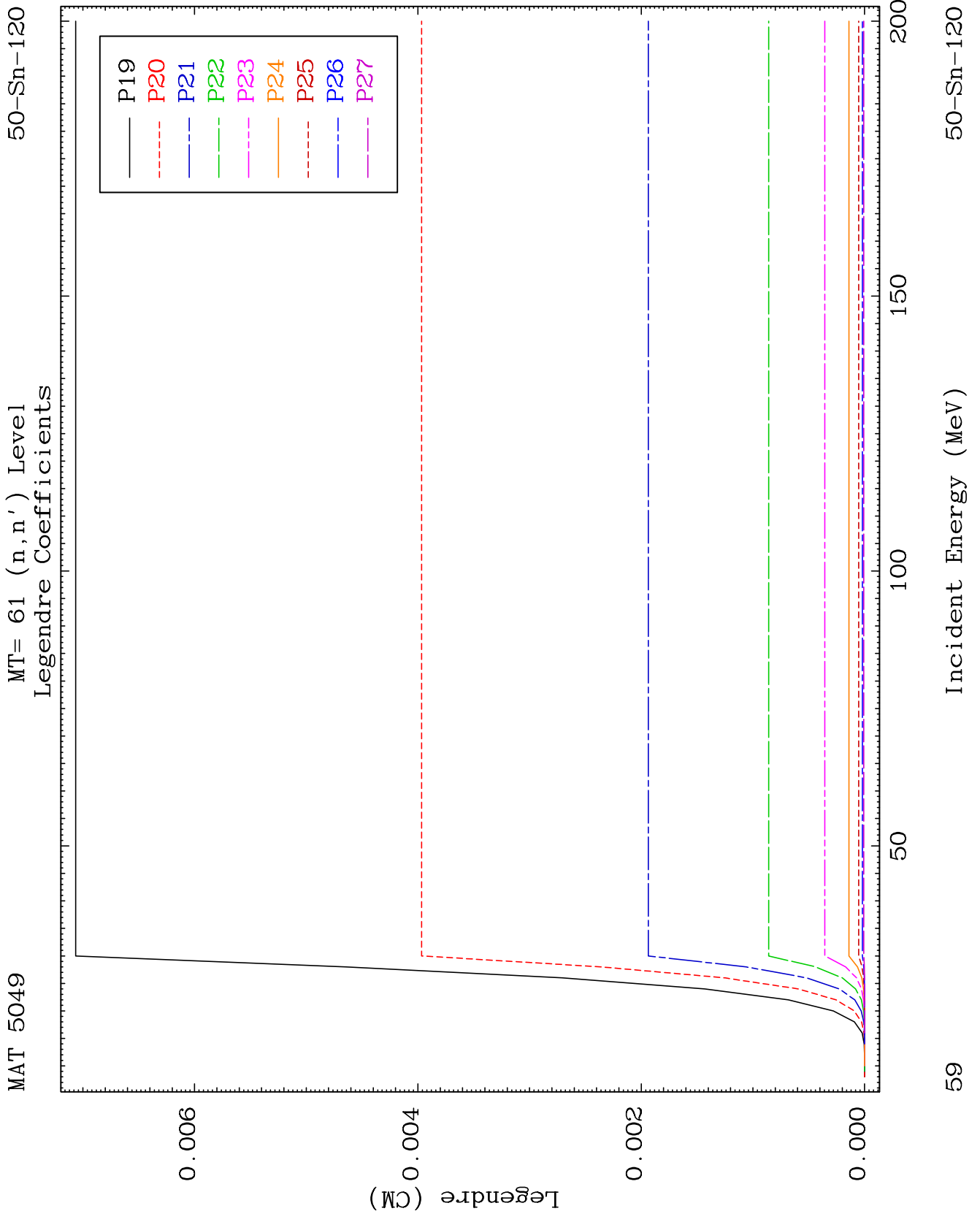
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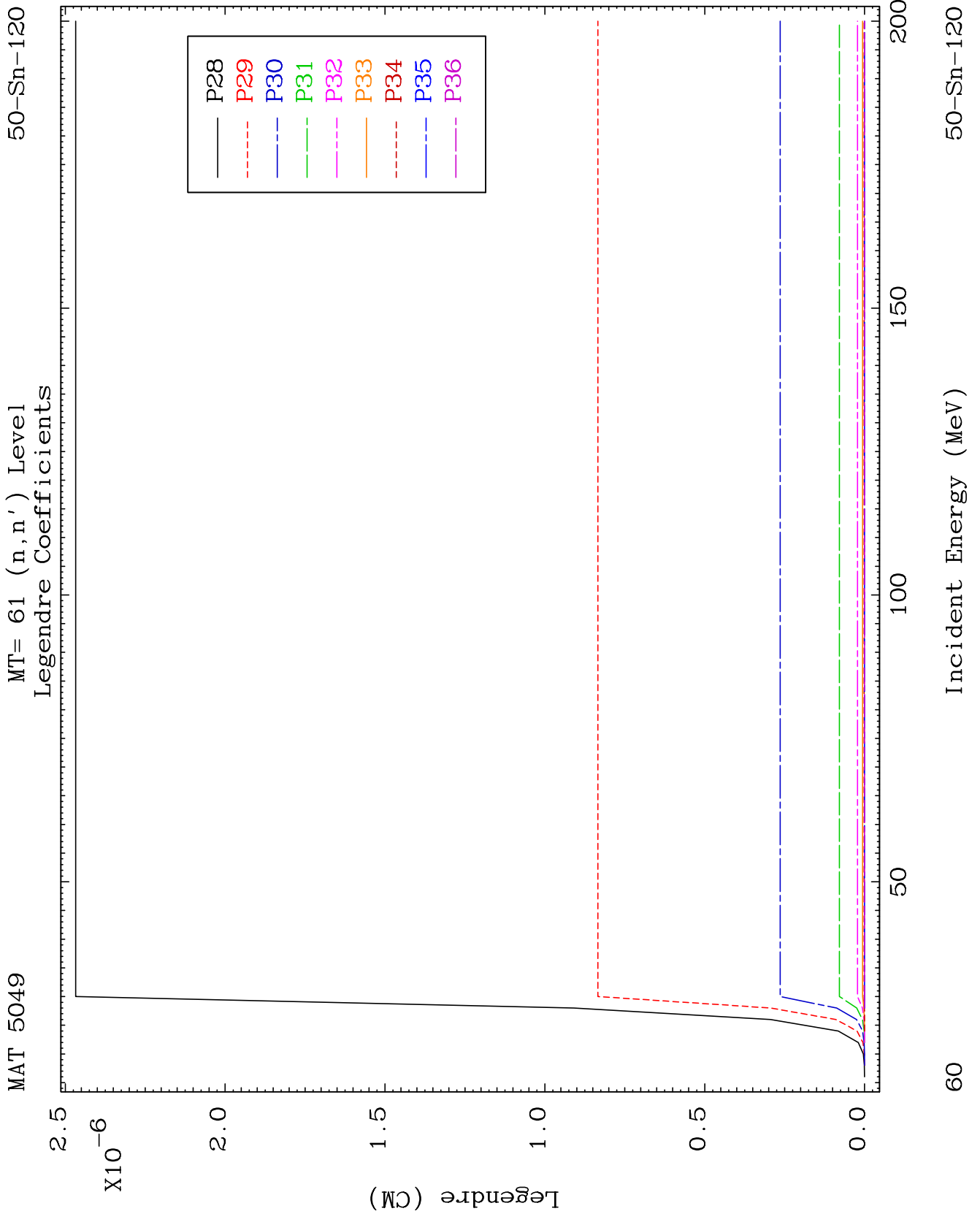








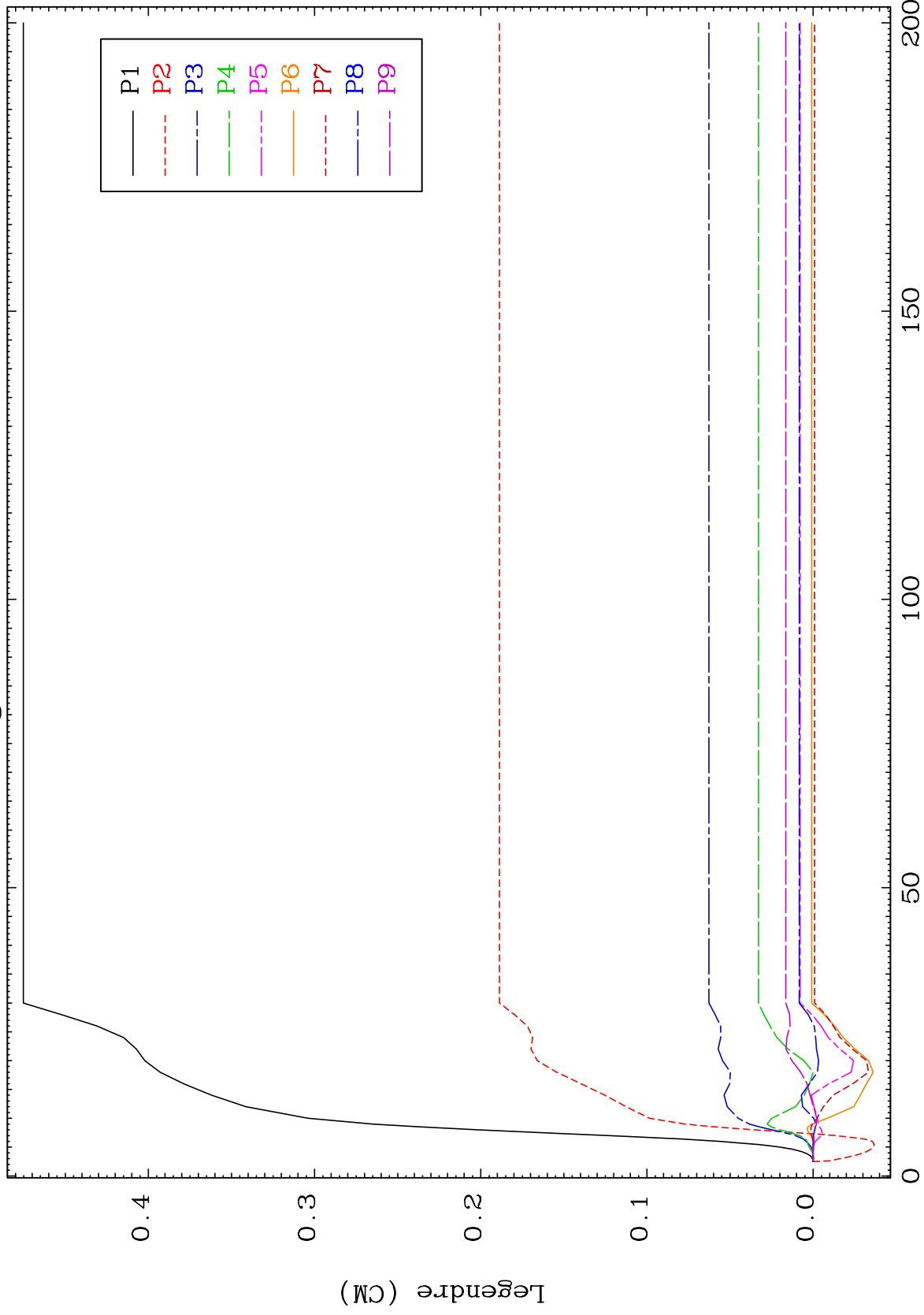




MAT 5049

MT= 62 (n,n') Level  
Legendre Coefficients

50-Sn-120



61

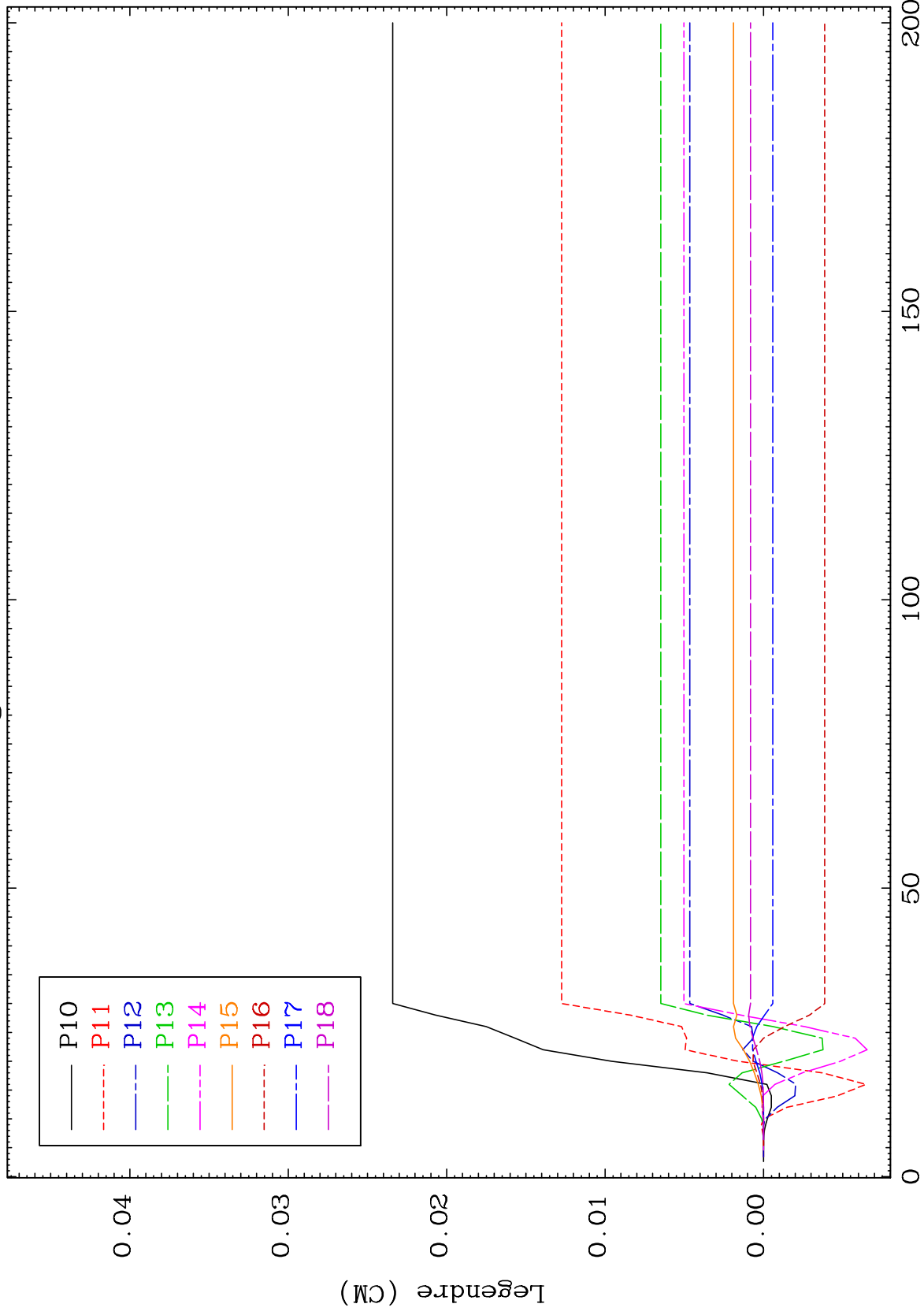
Incident Energy (MeV)

50-Sn-120

MAT 5049

MT= 62 (n,n') Level  
Legendre Coefficients

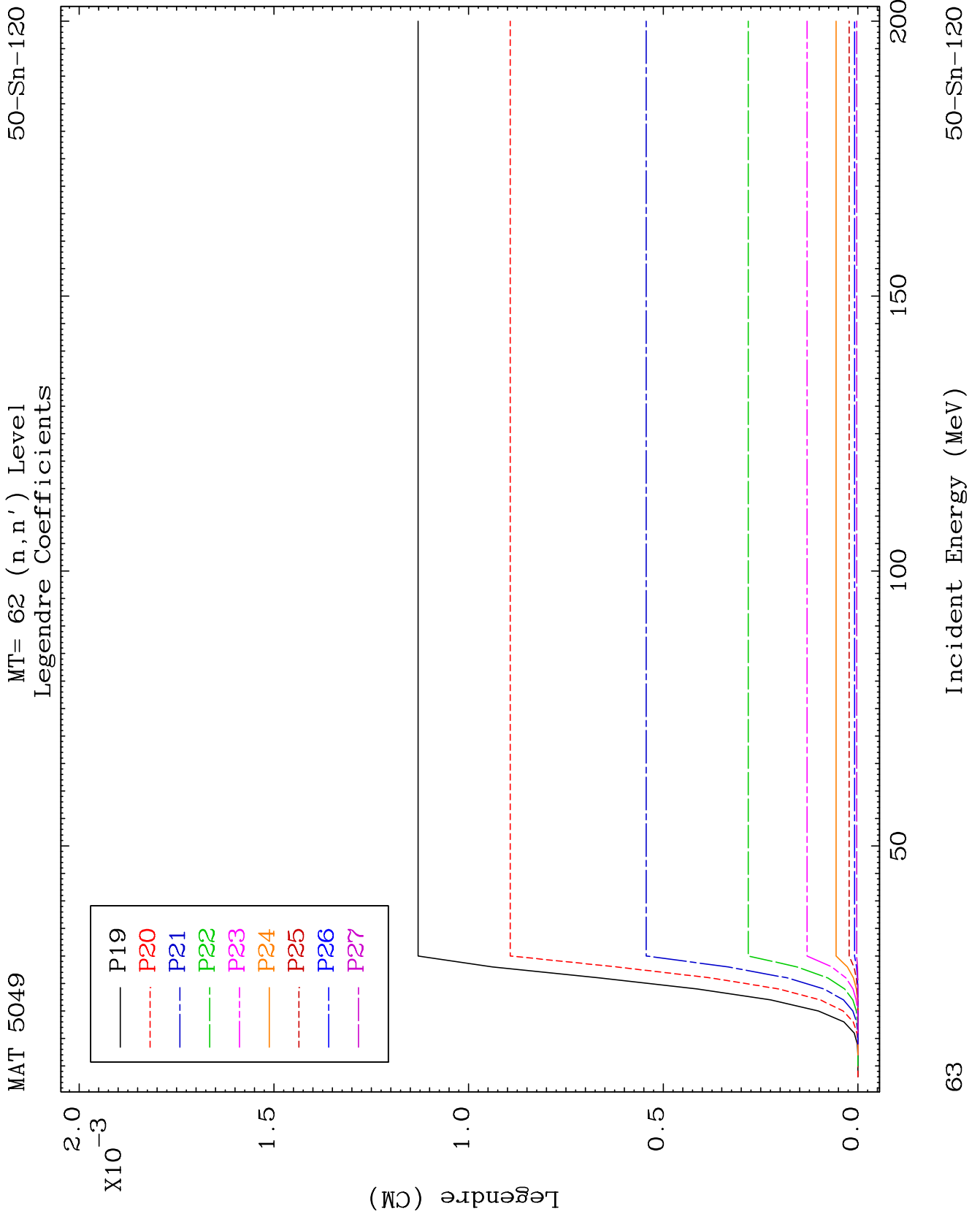
50-Sn-120



50-Sn-120

Incident Energy (MeV)

62





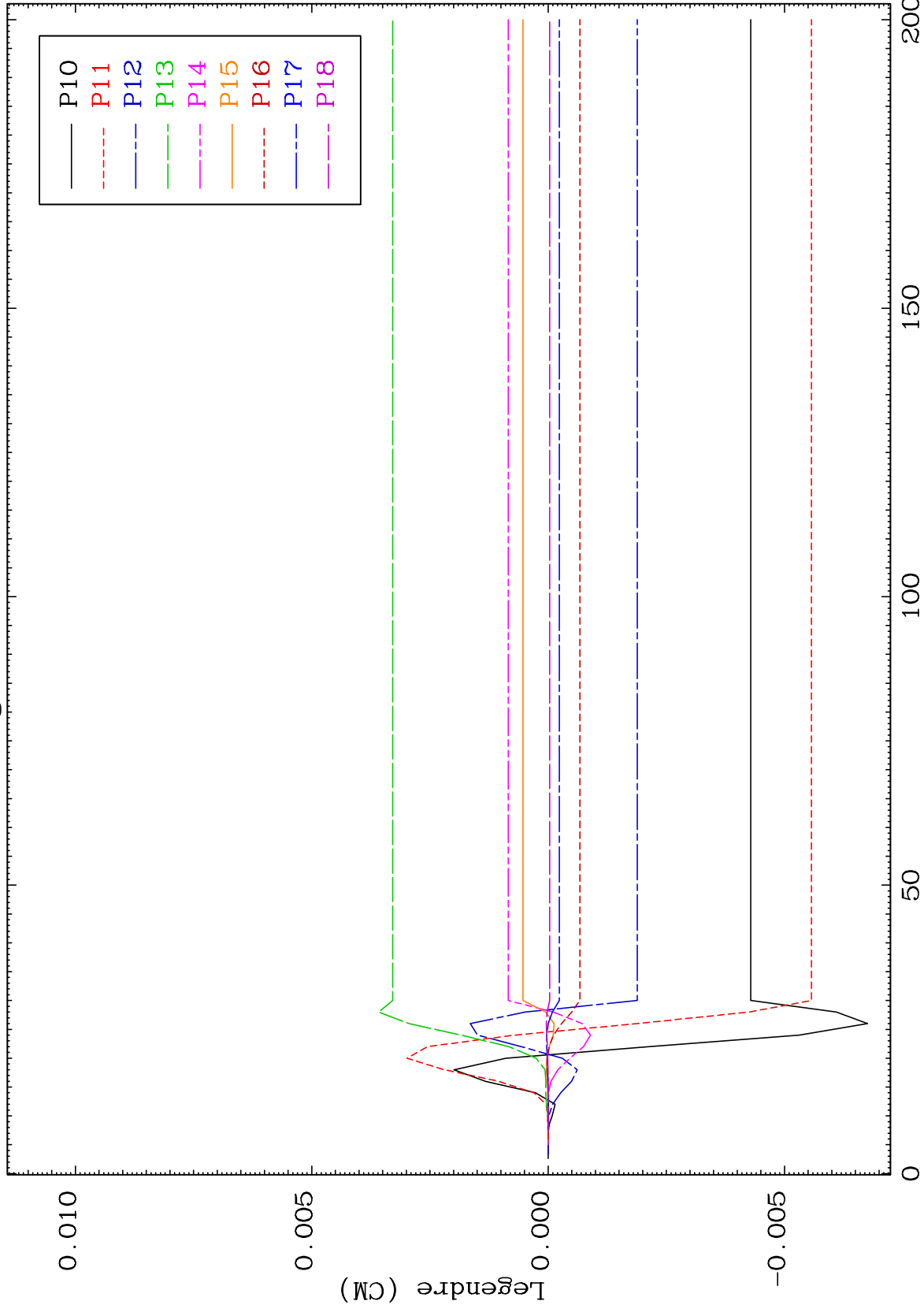




MAT 5049

MT= 63 (n,n') Level  
Legendre Coefficients

50-Sn-120



66

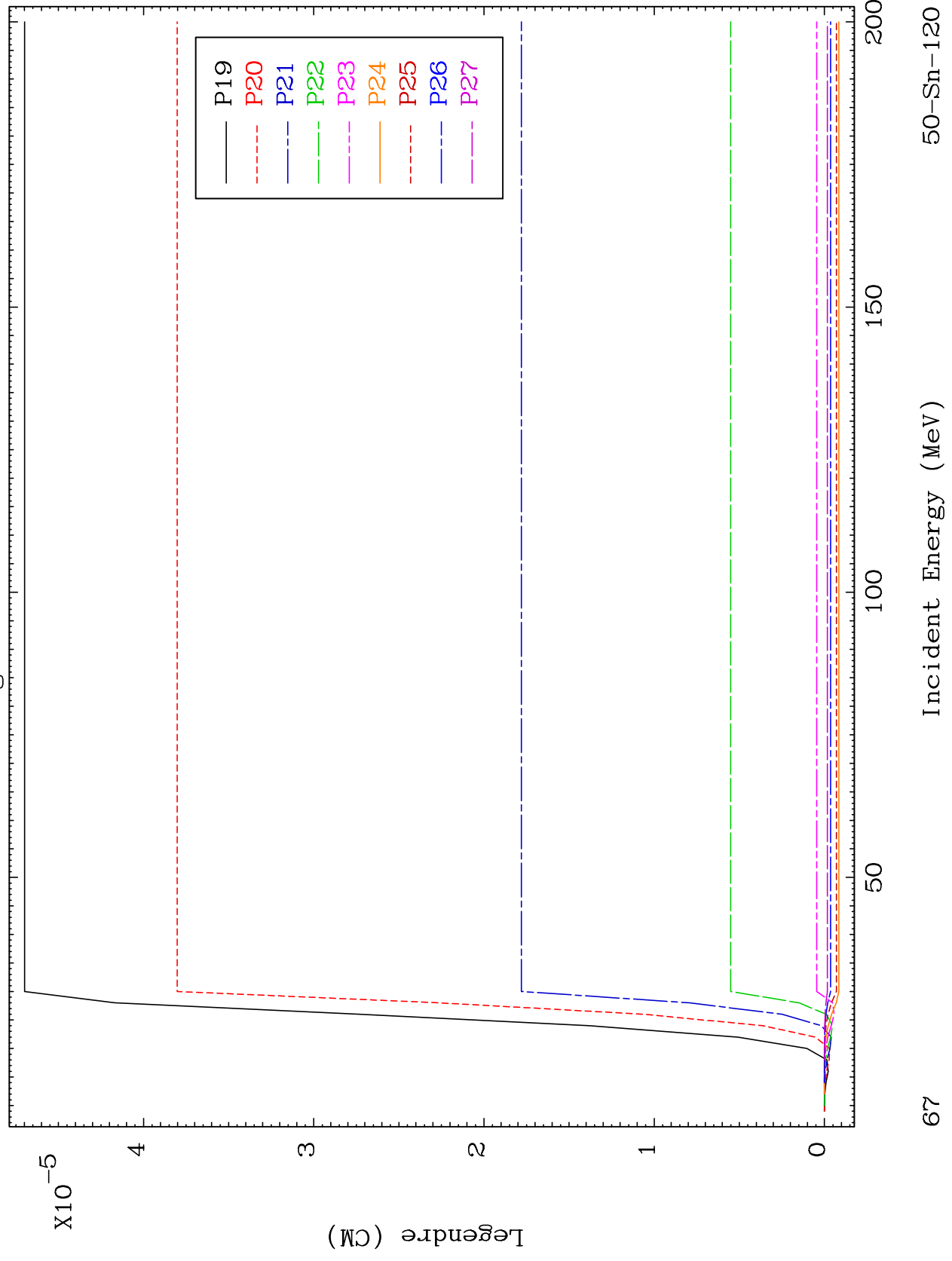
Incident Energy (MeV)

50-Sn-120

MAT 5049

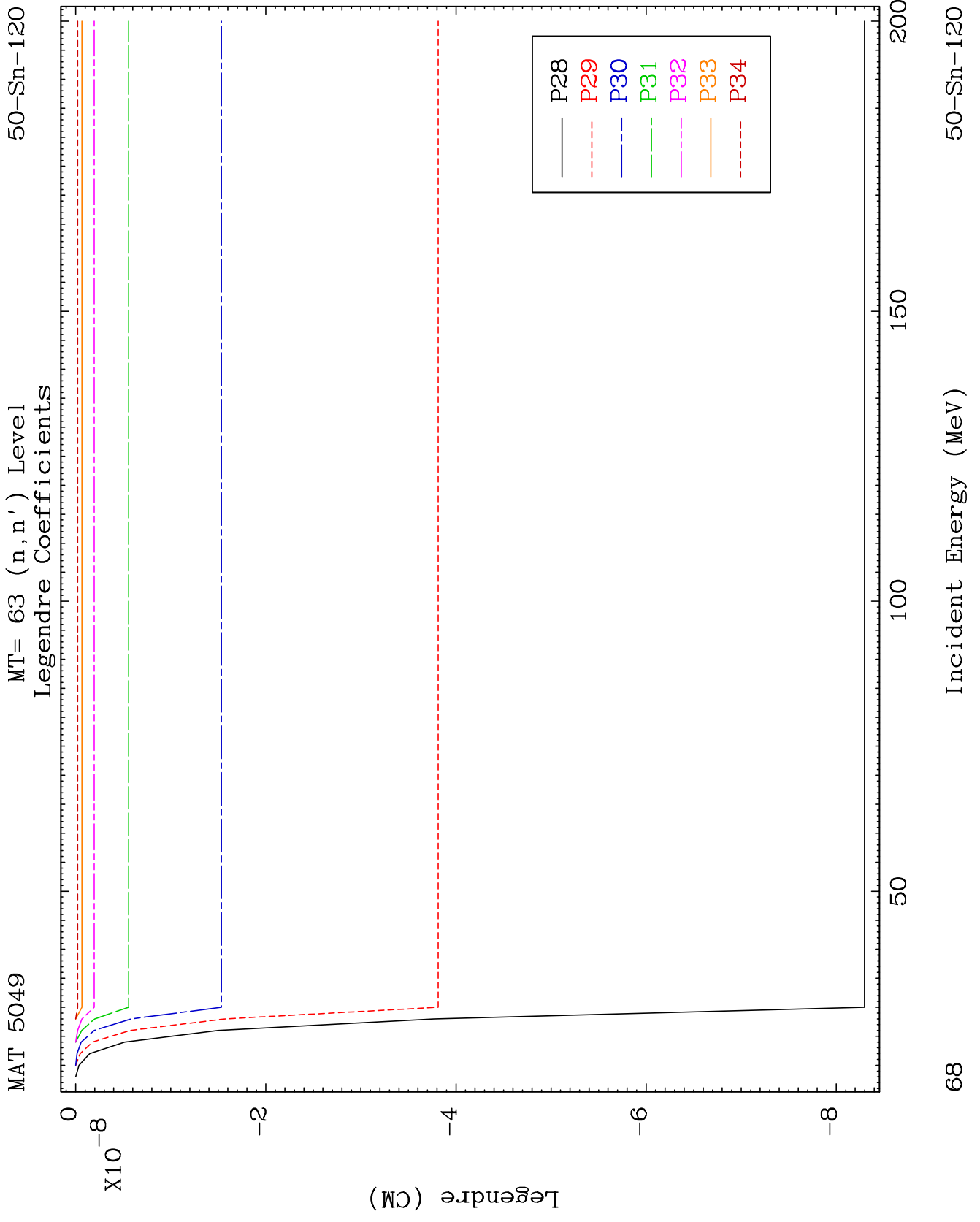
MT= 63 (n,n') Level  
Legendre Coefficients

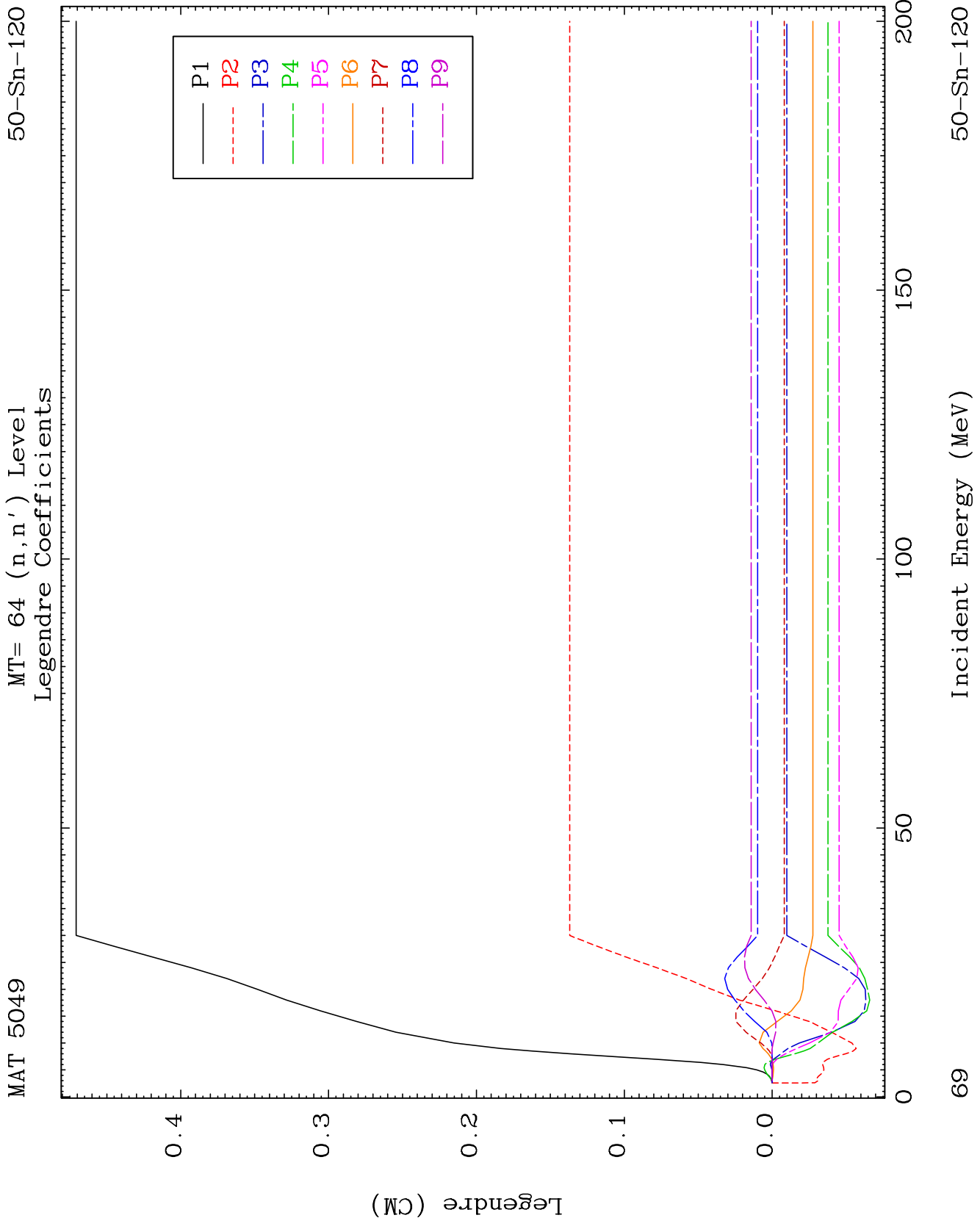
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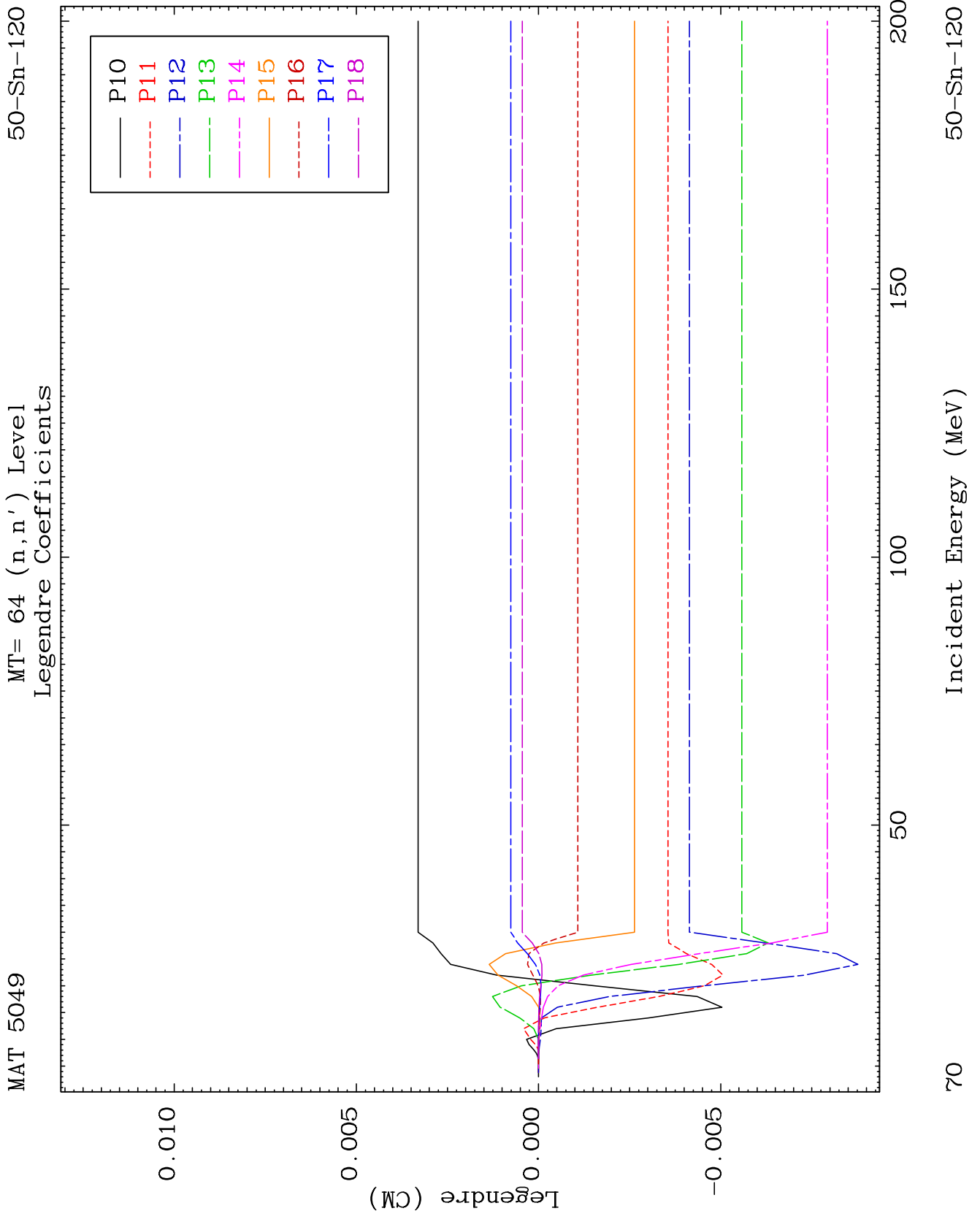


67

50-Sn-120



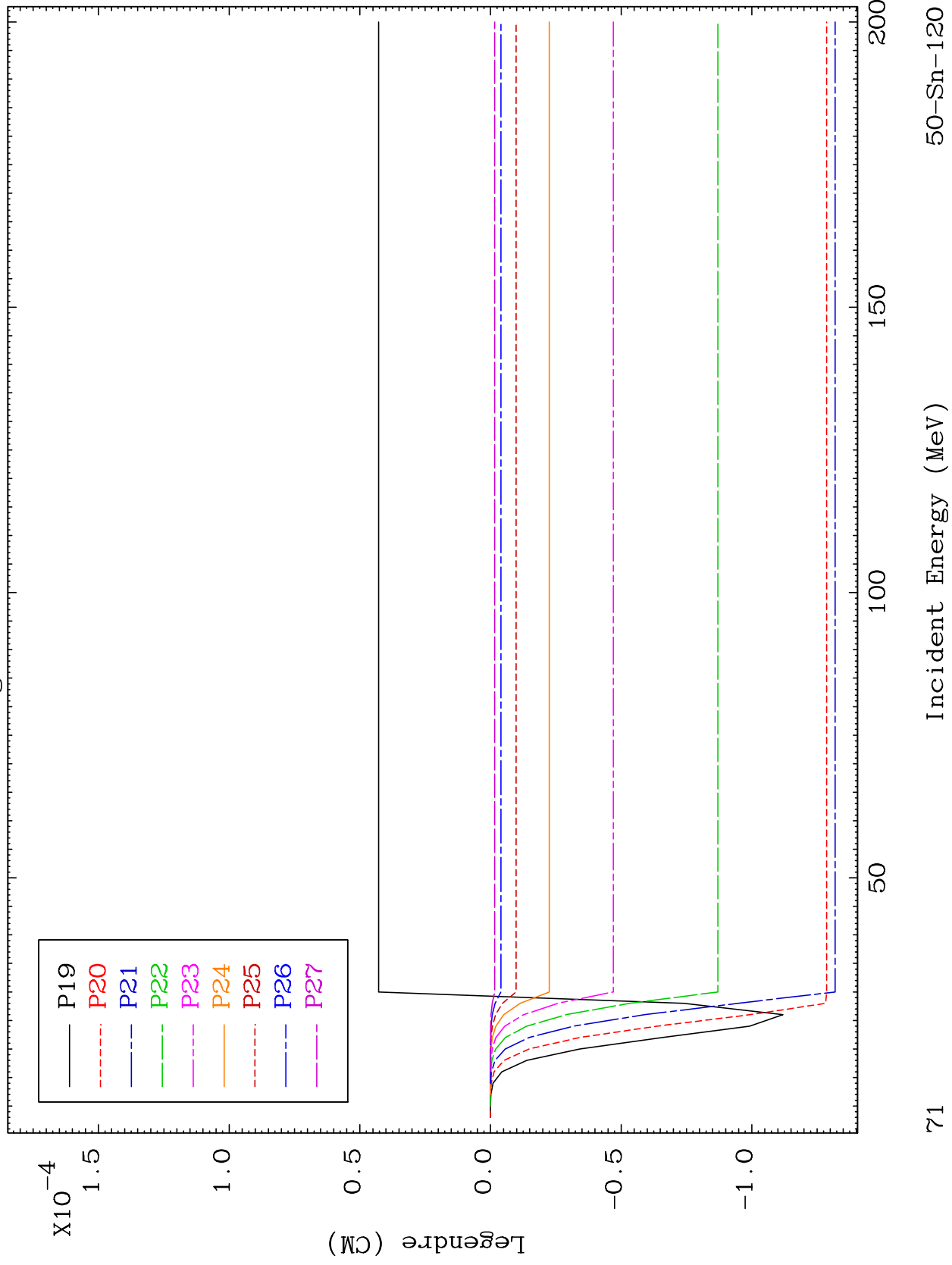




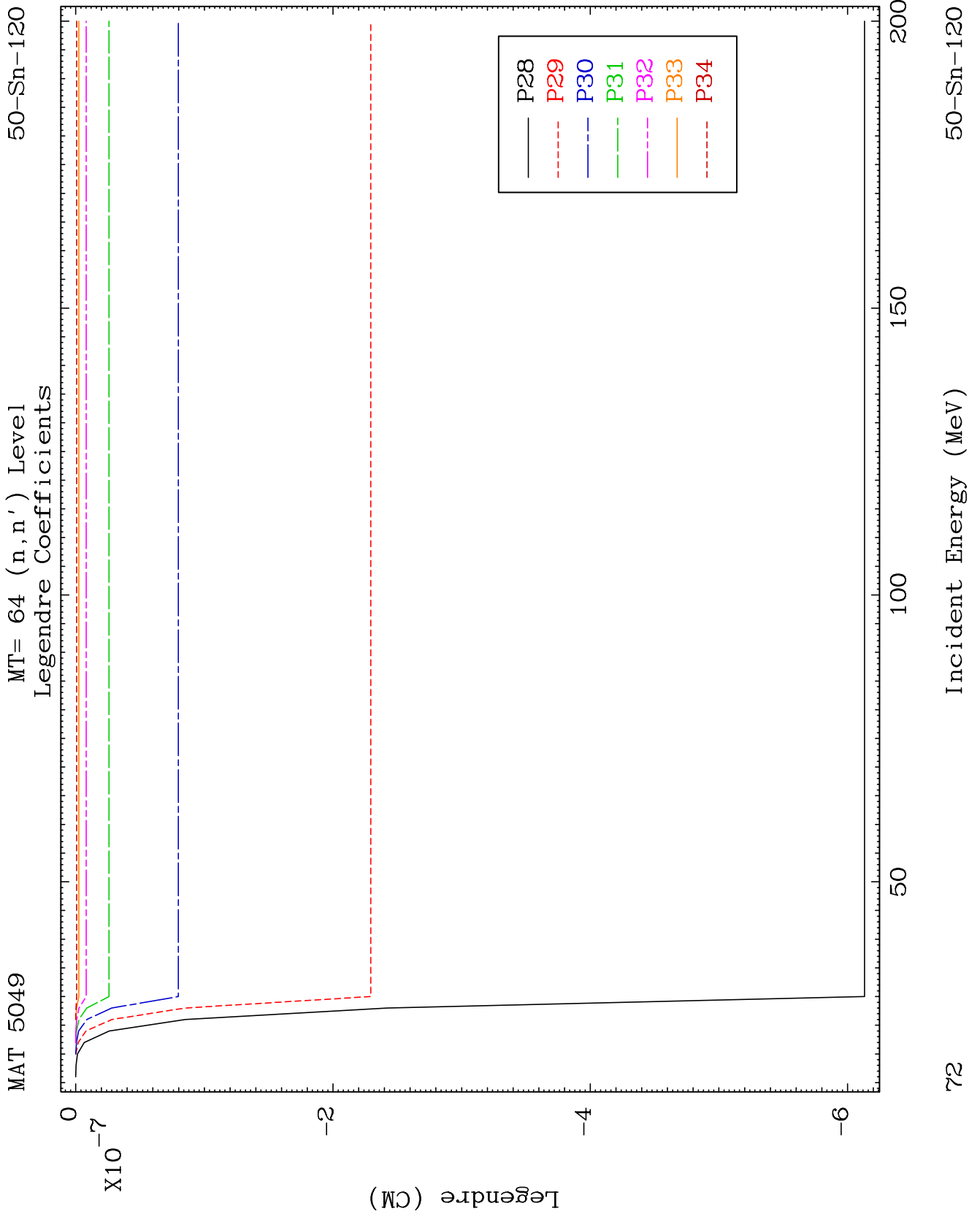
MAT 5049

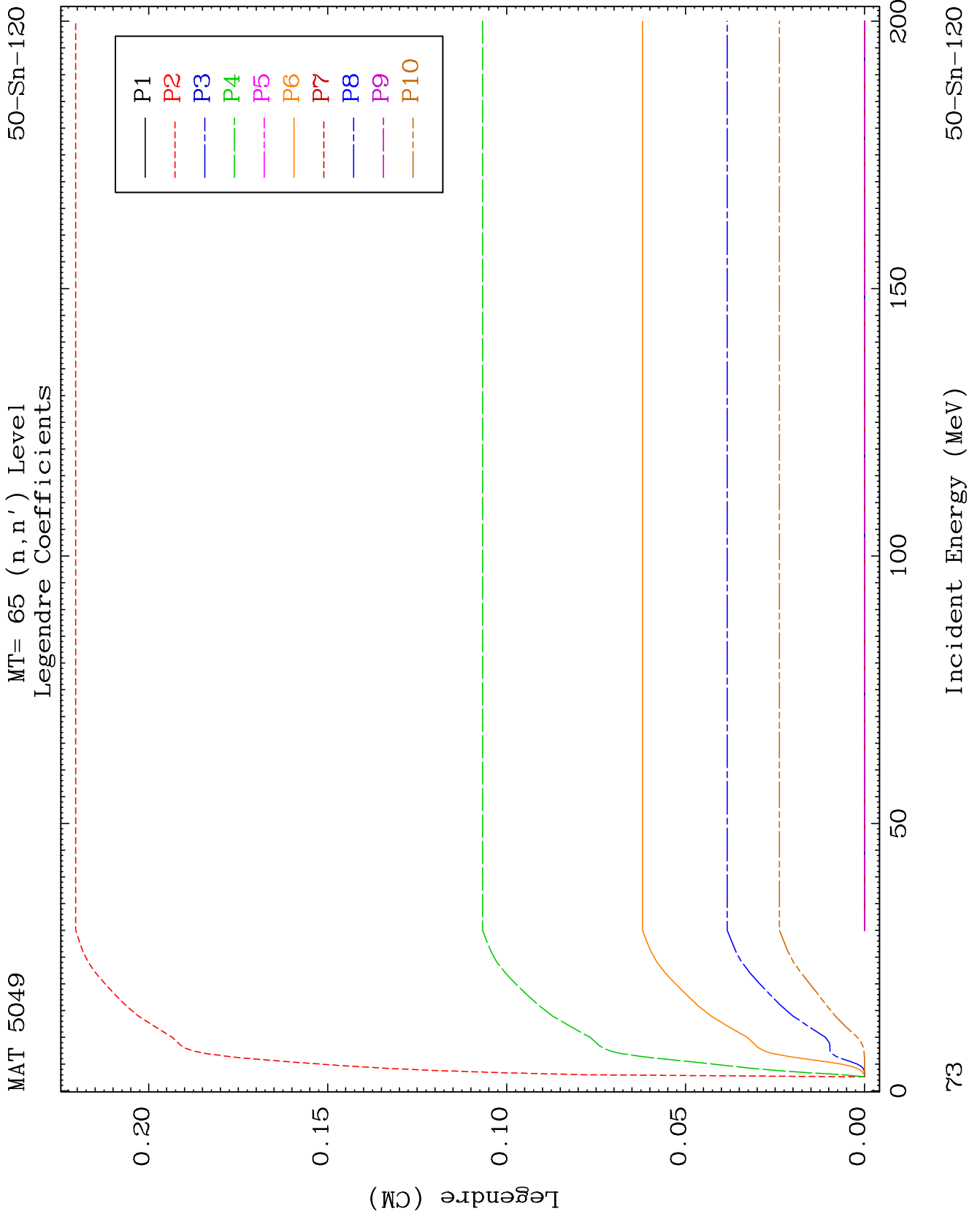
MT= 64 (n,n') Level  
Legendre Coefficients

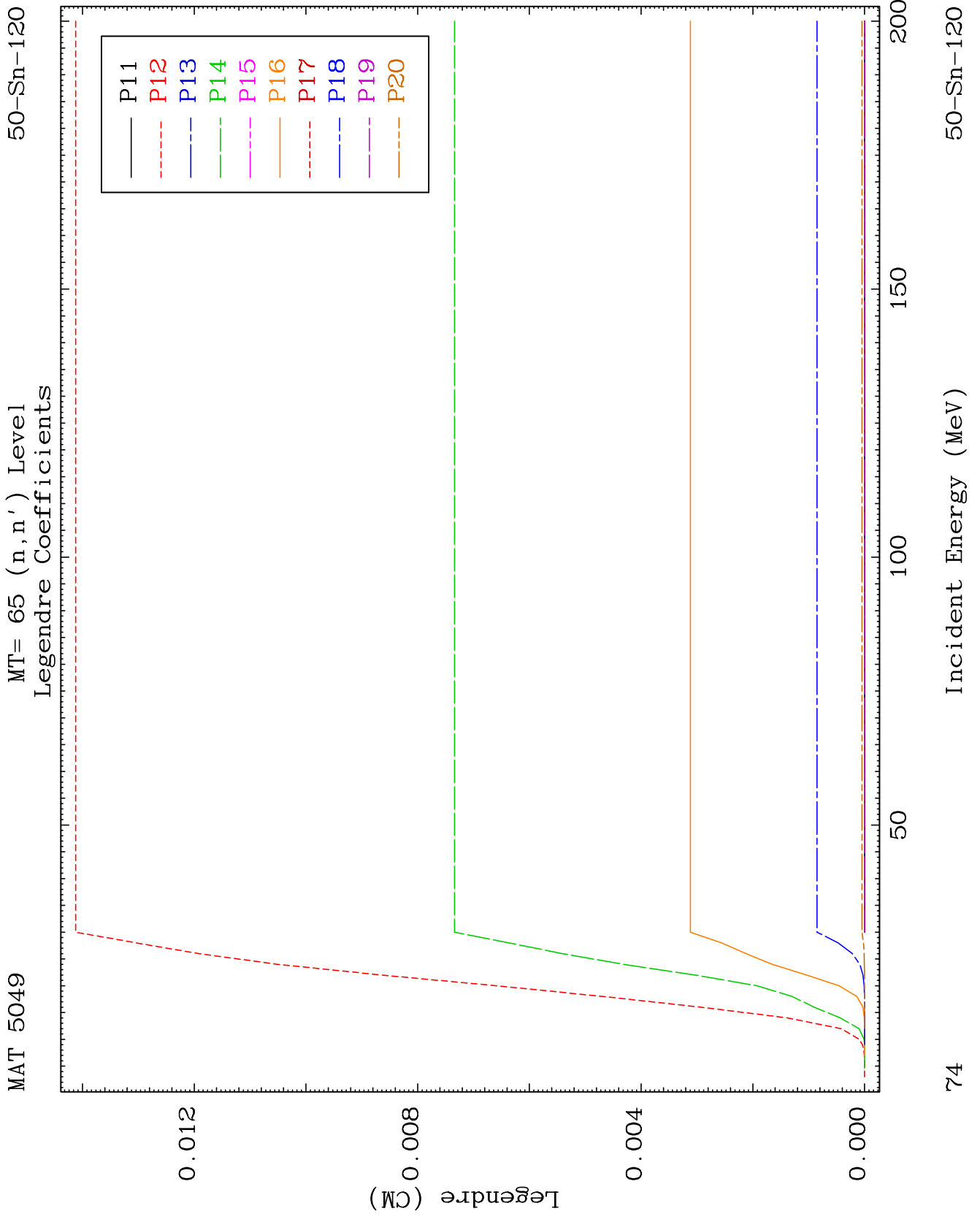
50-Sn-120

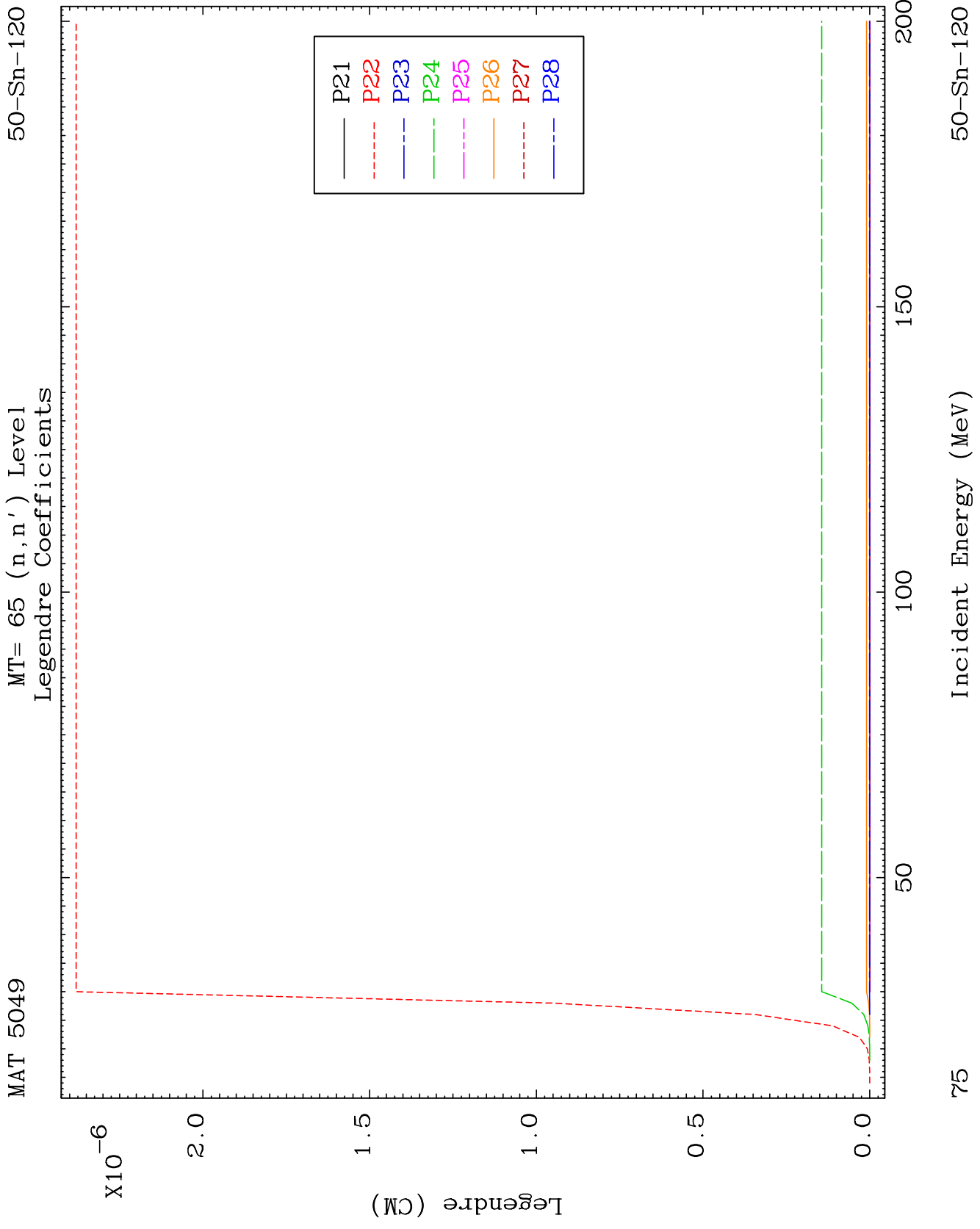








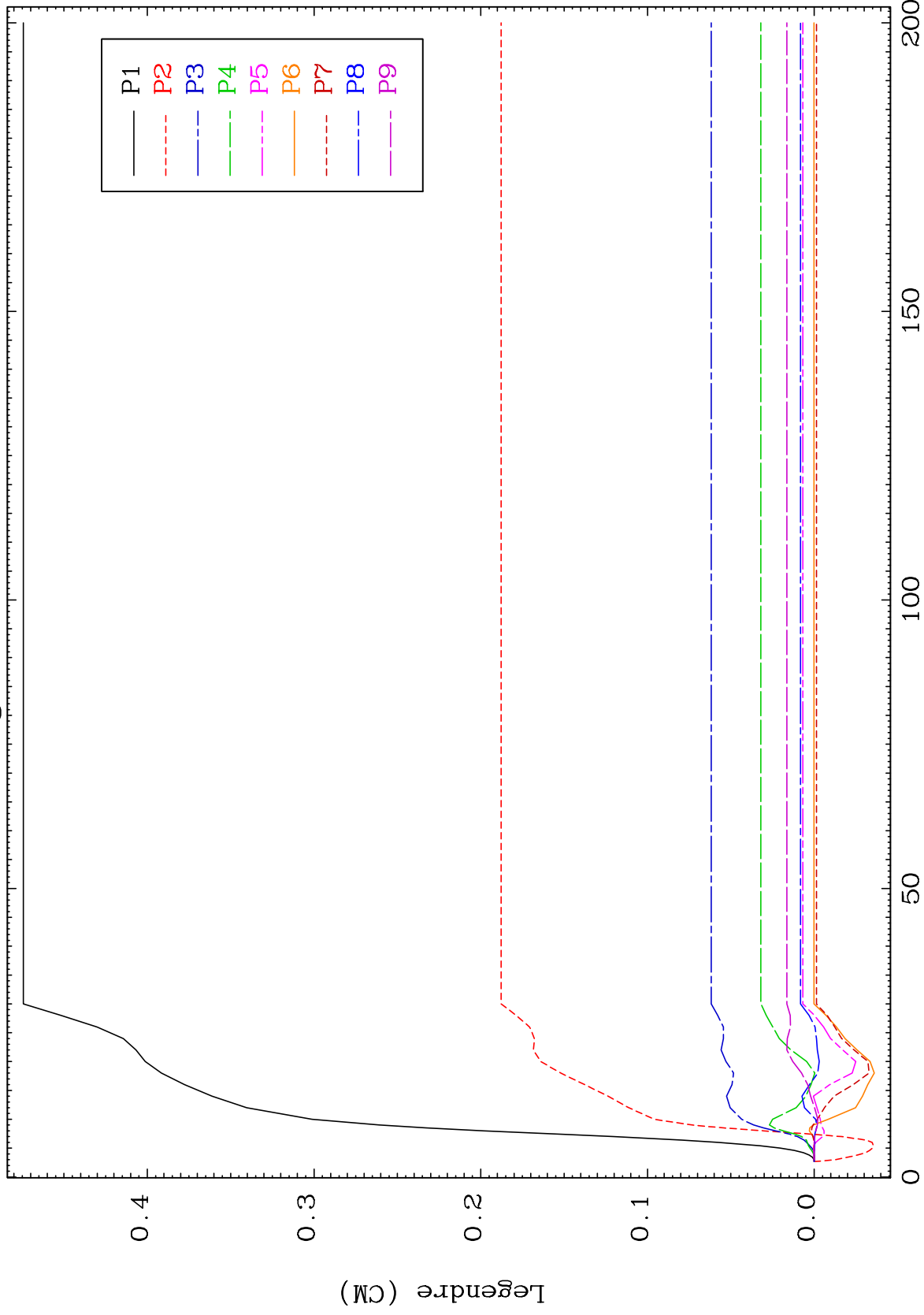




MAT 5049

MT= 66 (n,n') Level  
Legendre Coefficients

50-Sn-120



76

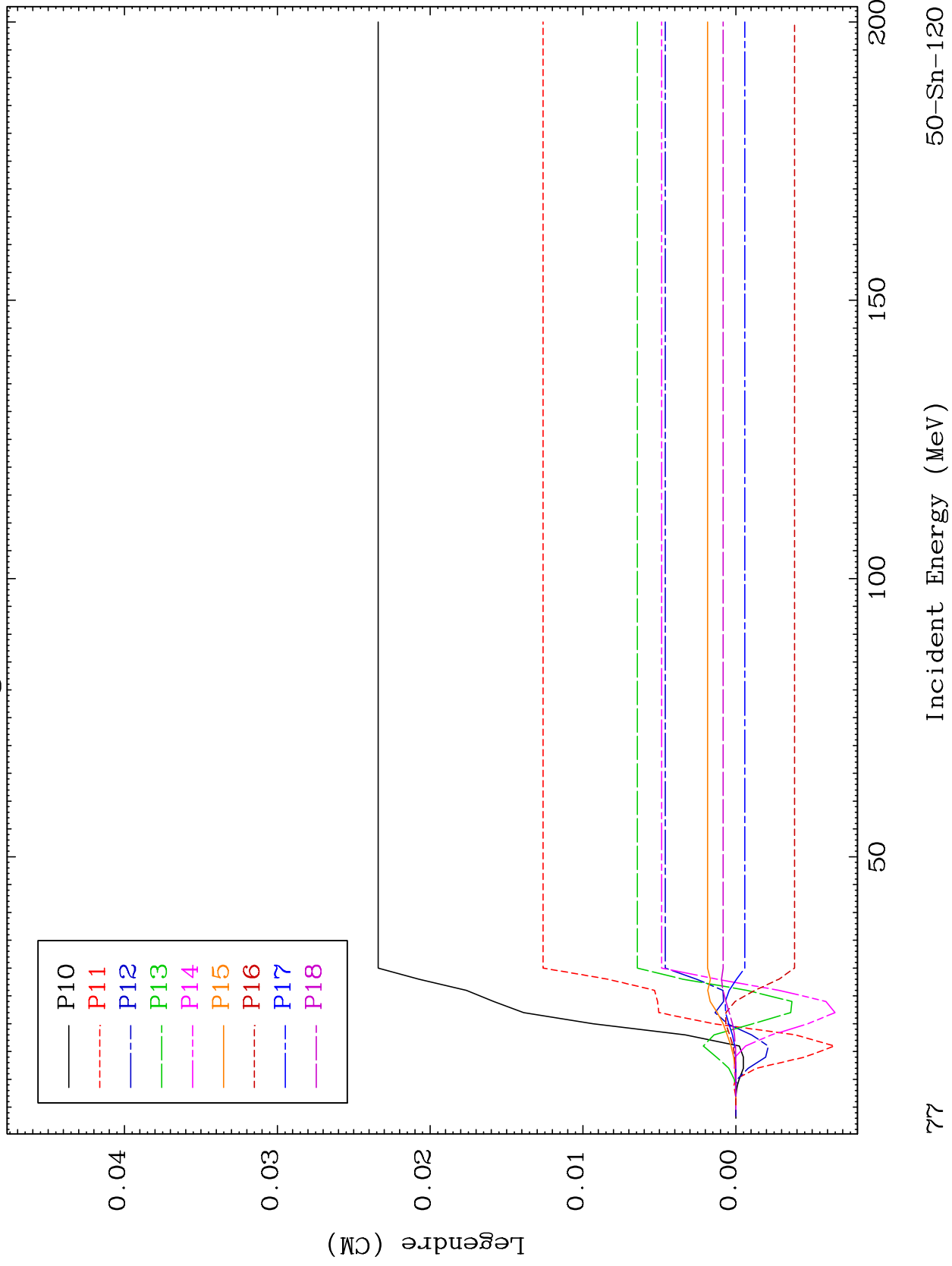
Incident Energy (MeV)

50-Sn-120

MAT 5049

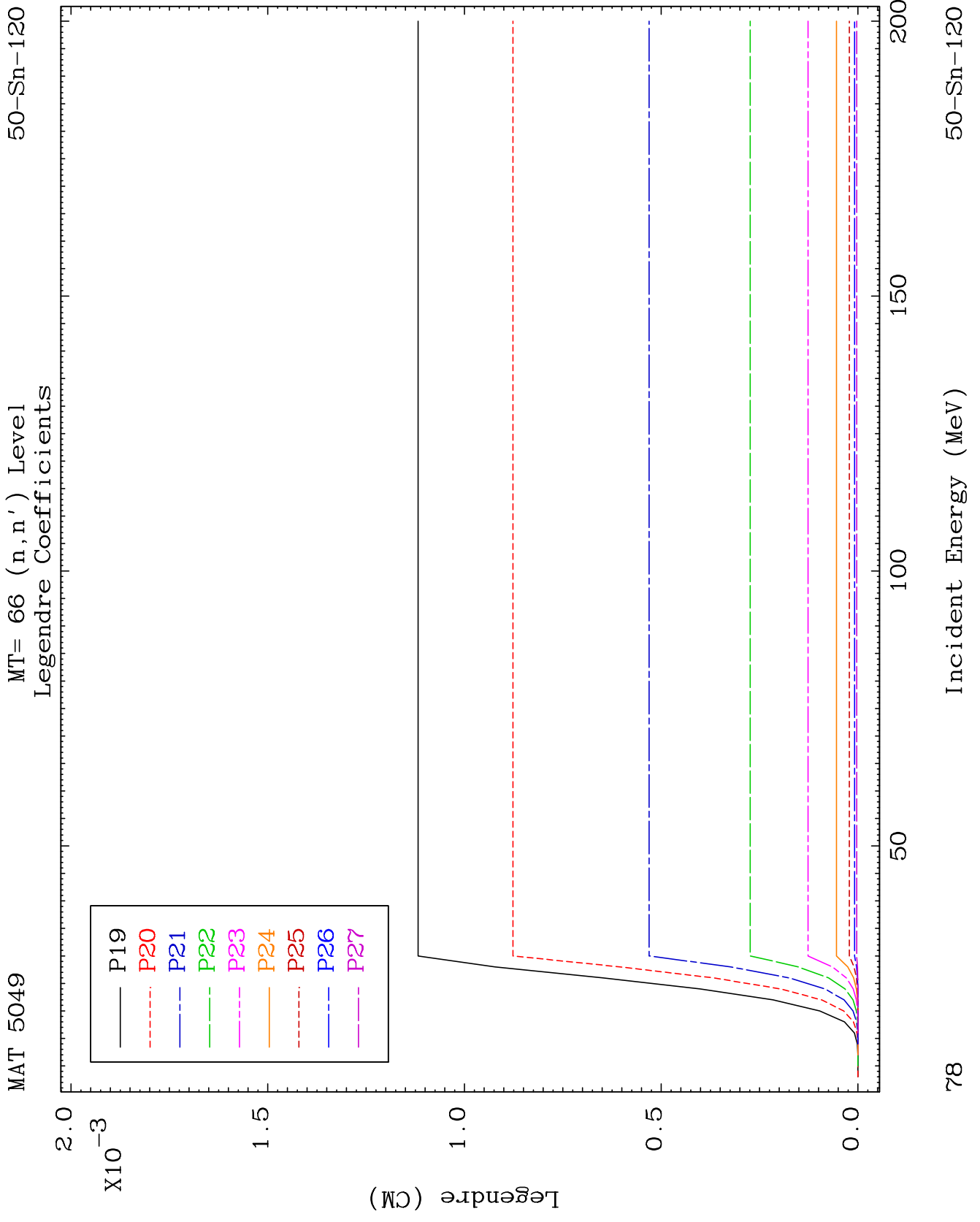
MT= 66 (n,n') Level  
Legendre Coefficients

50-Sn-120



77

50-Sn-120

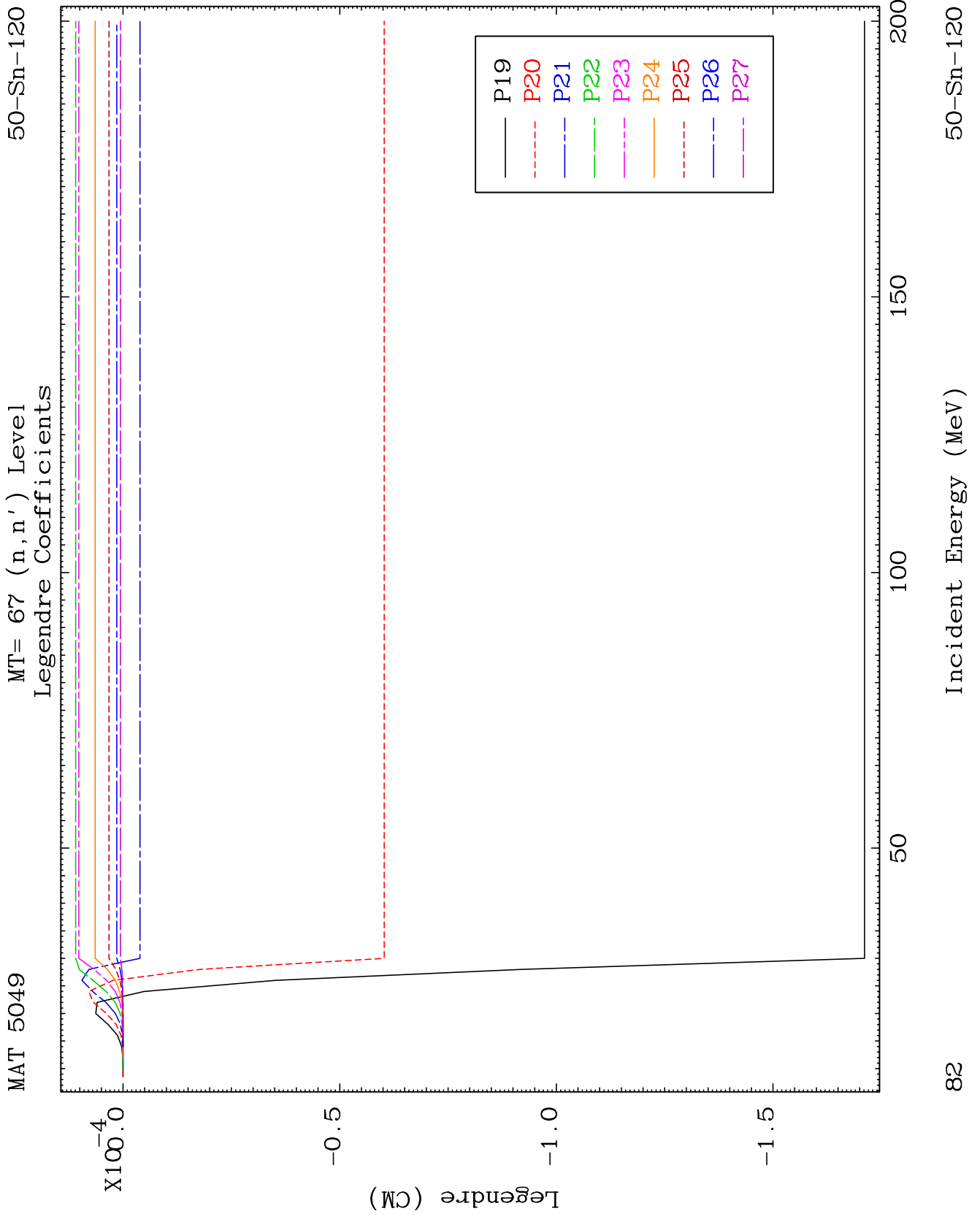








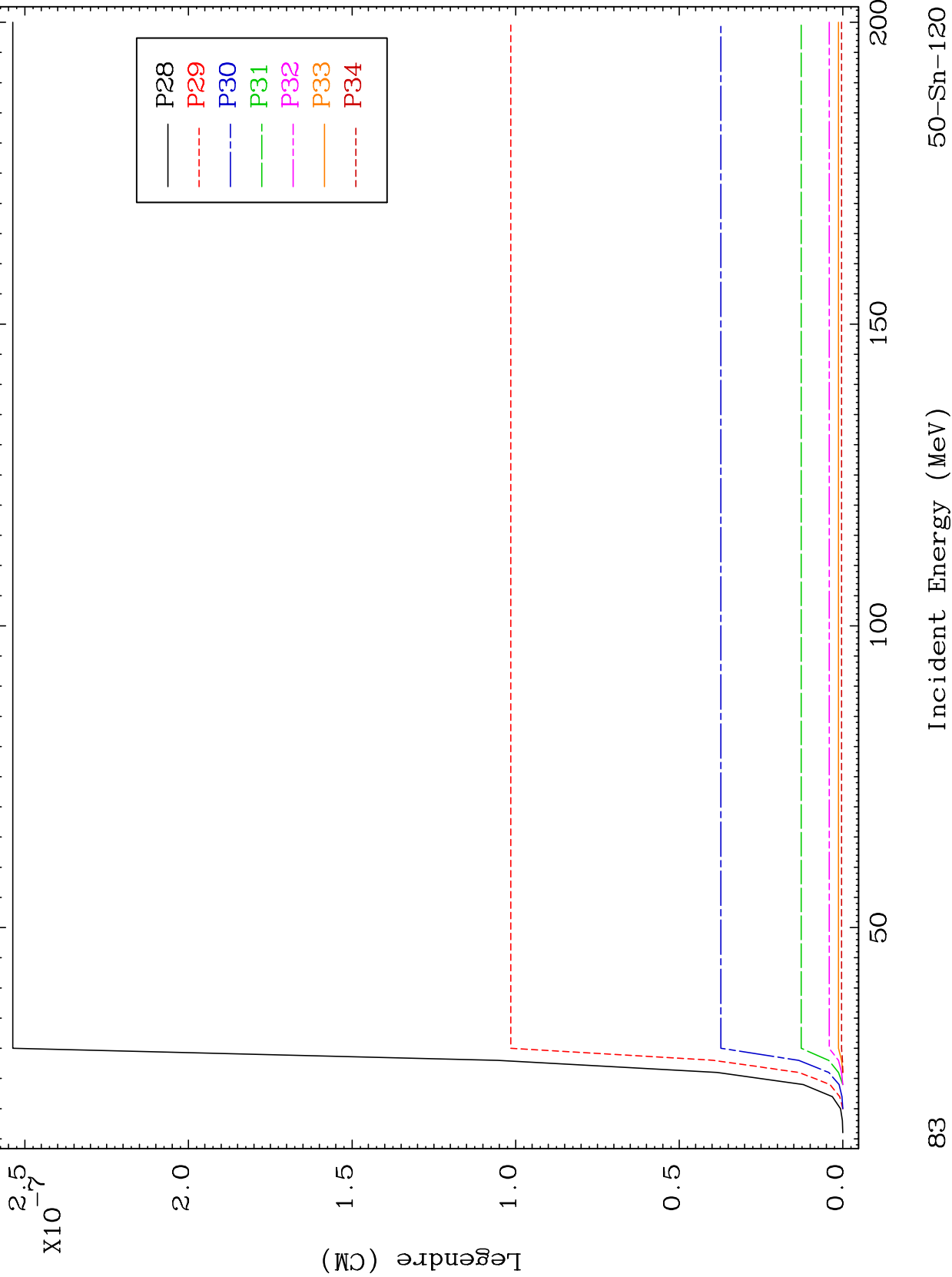


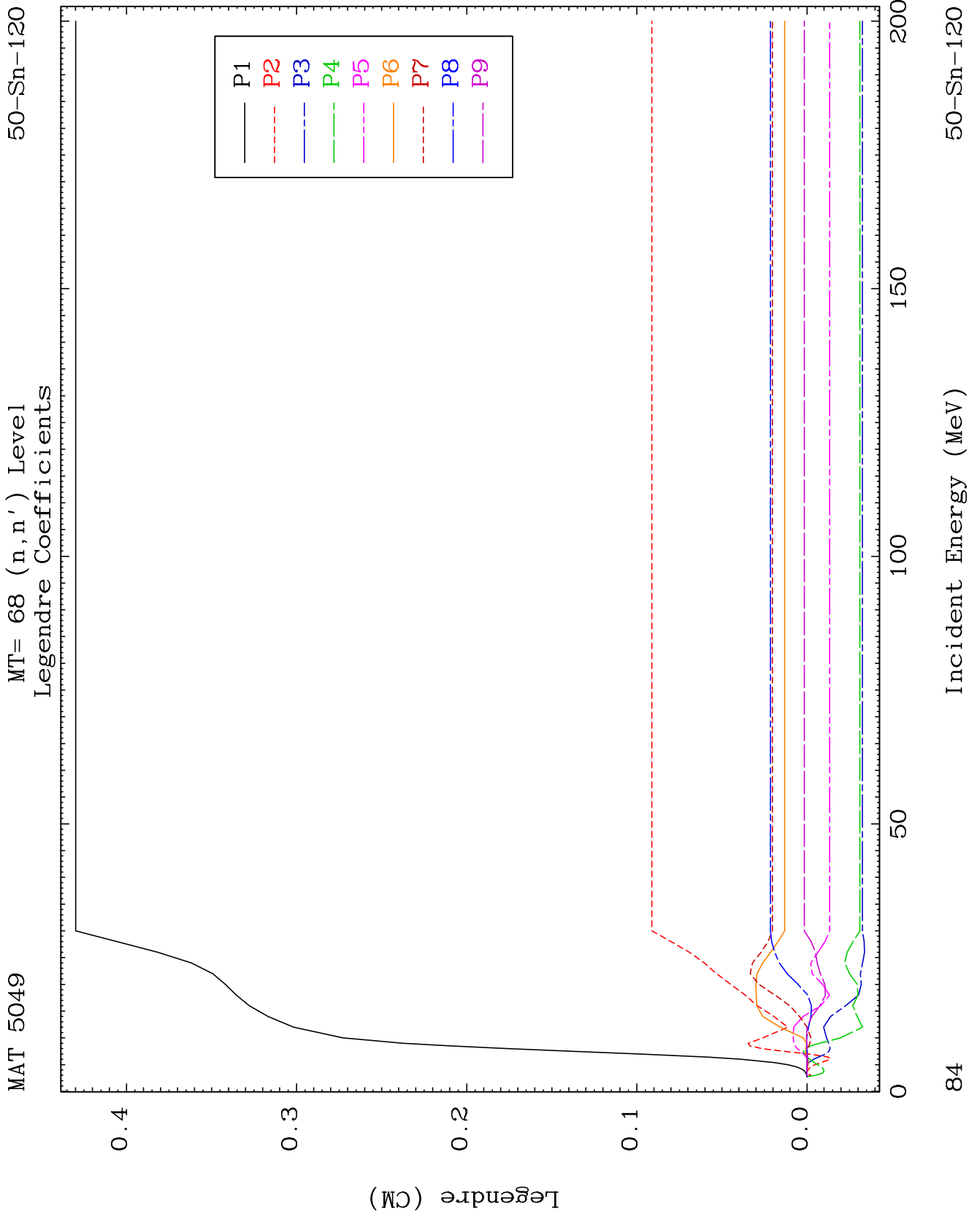


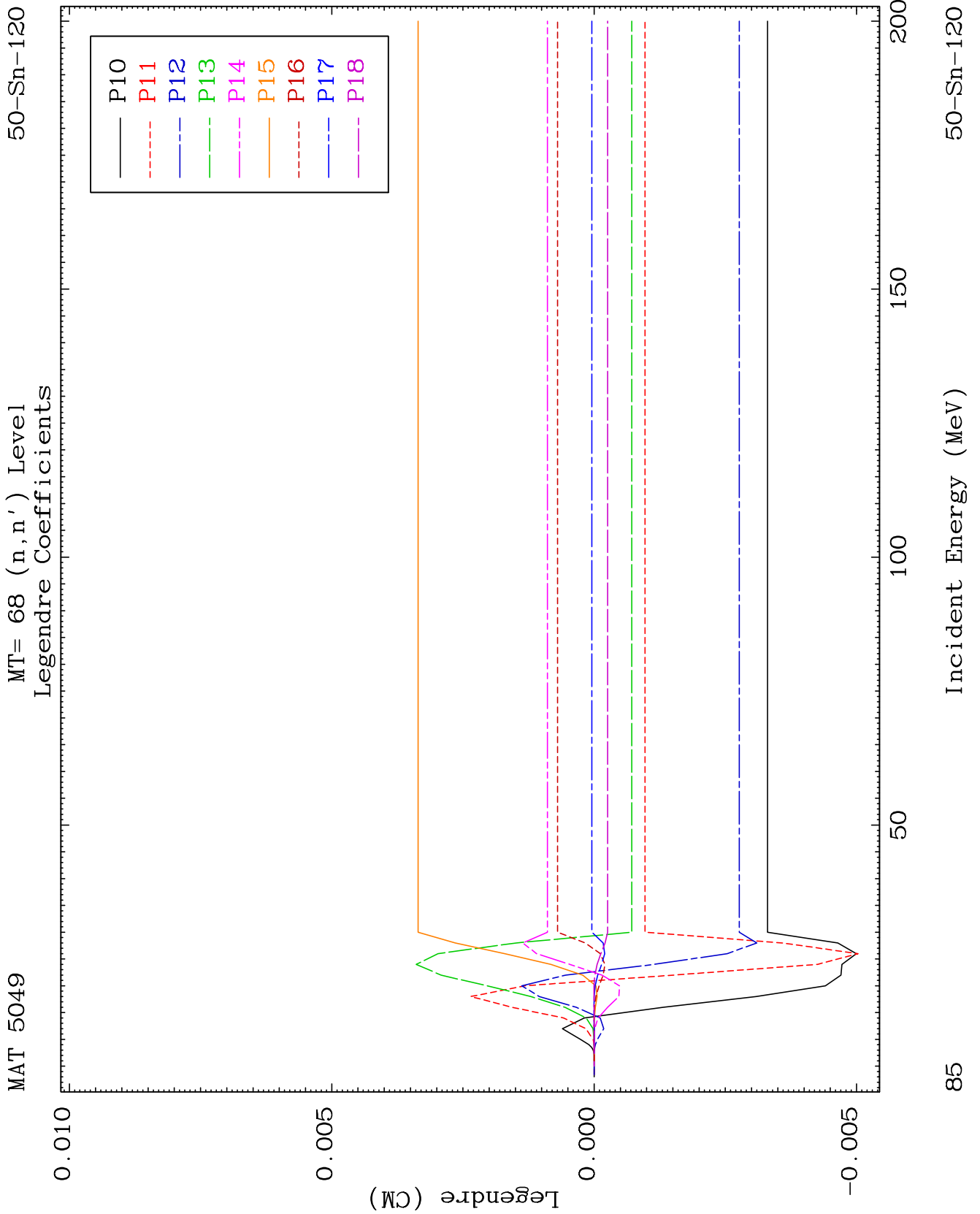
MAT 5049

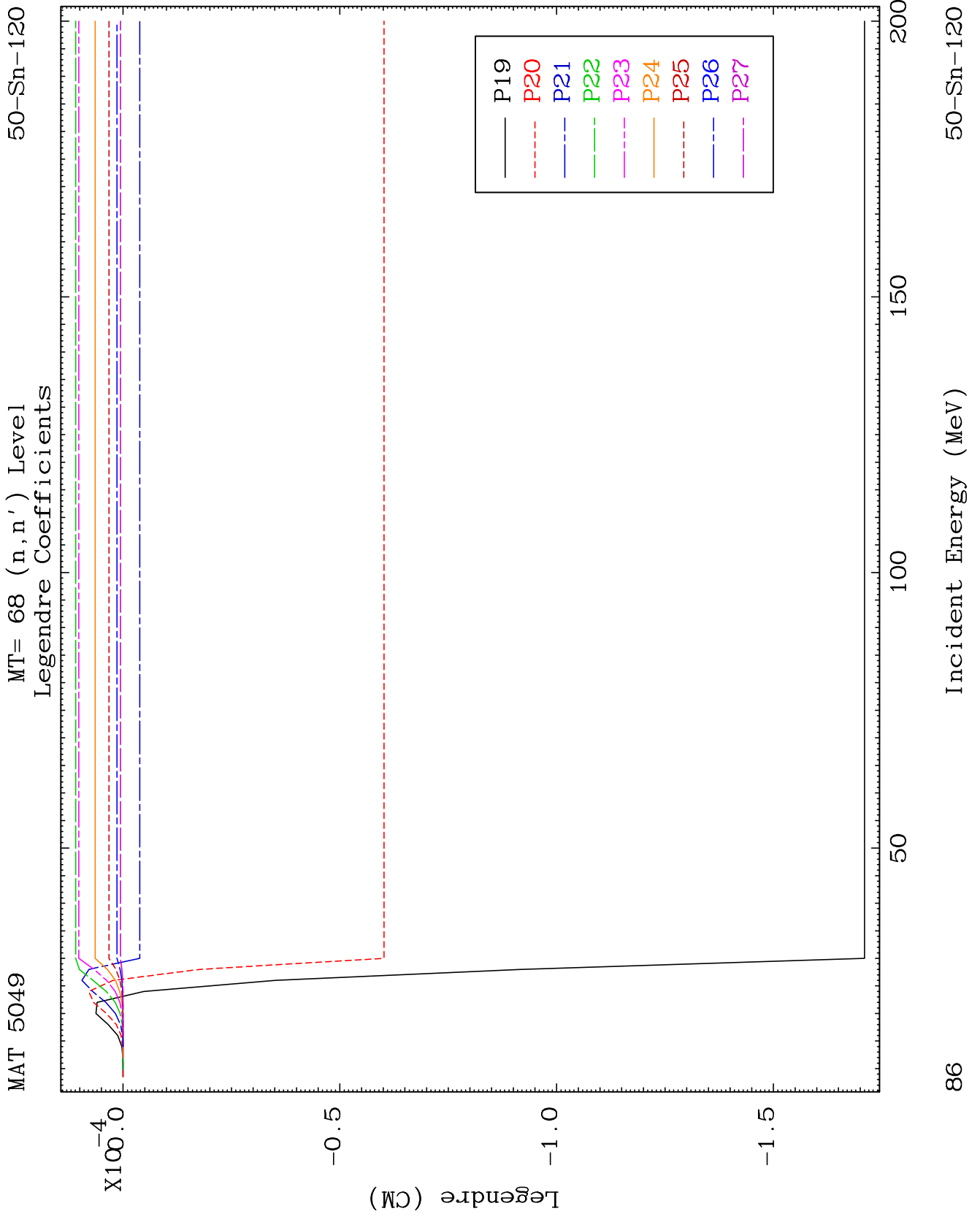
MT= 67 (n,n') Level  
Legendre Coefficients

50-Sn-120





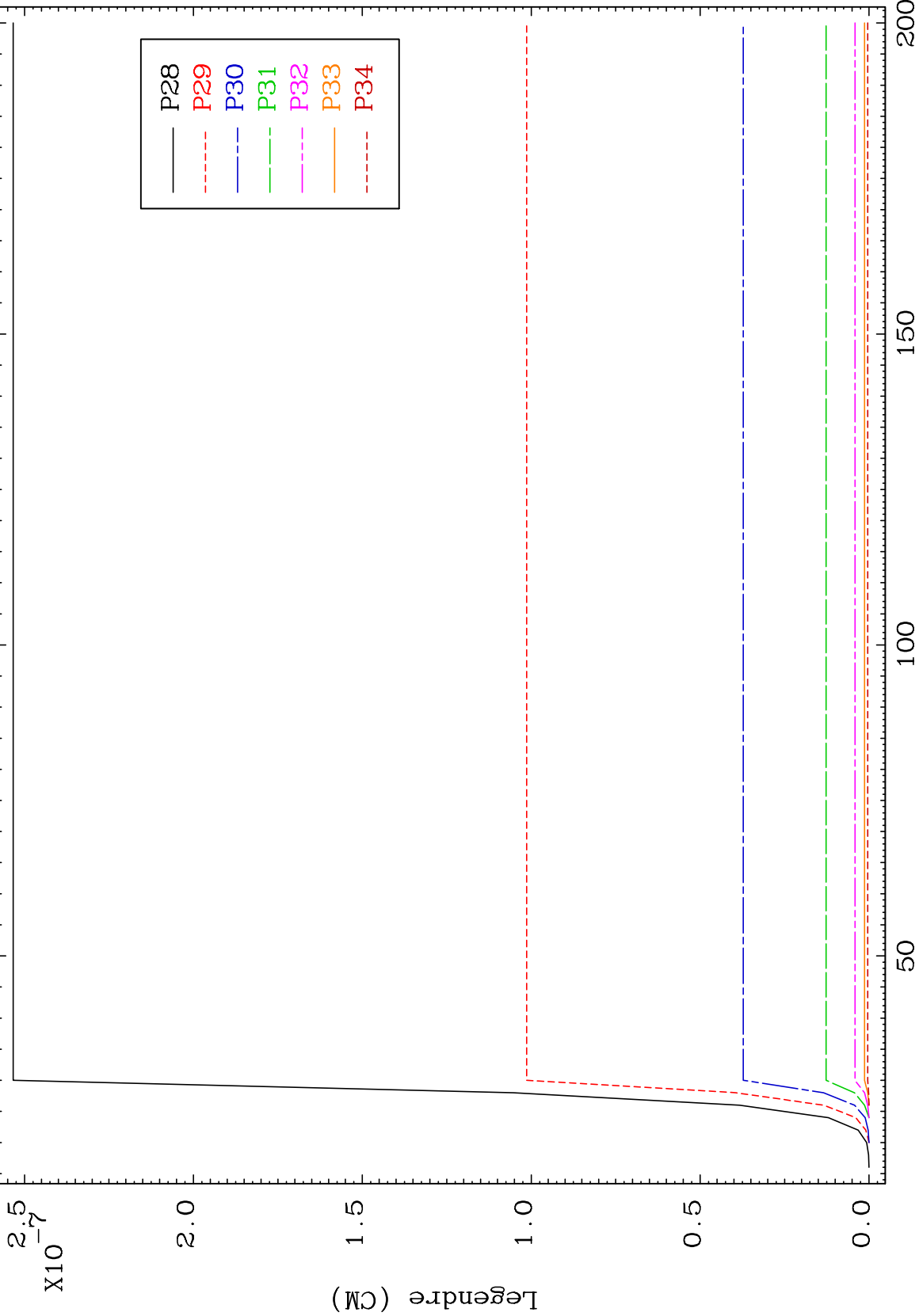




MAT 5049

MT= 68 (n,n') Level  
Legendre Coefficients

50-Sn-120



87

Incident Energy (MeV)

50-Sn-120

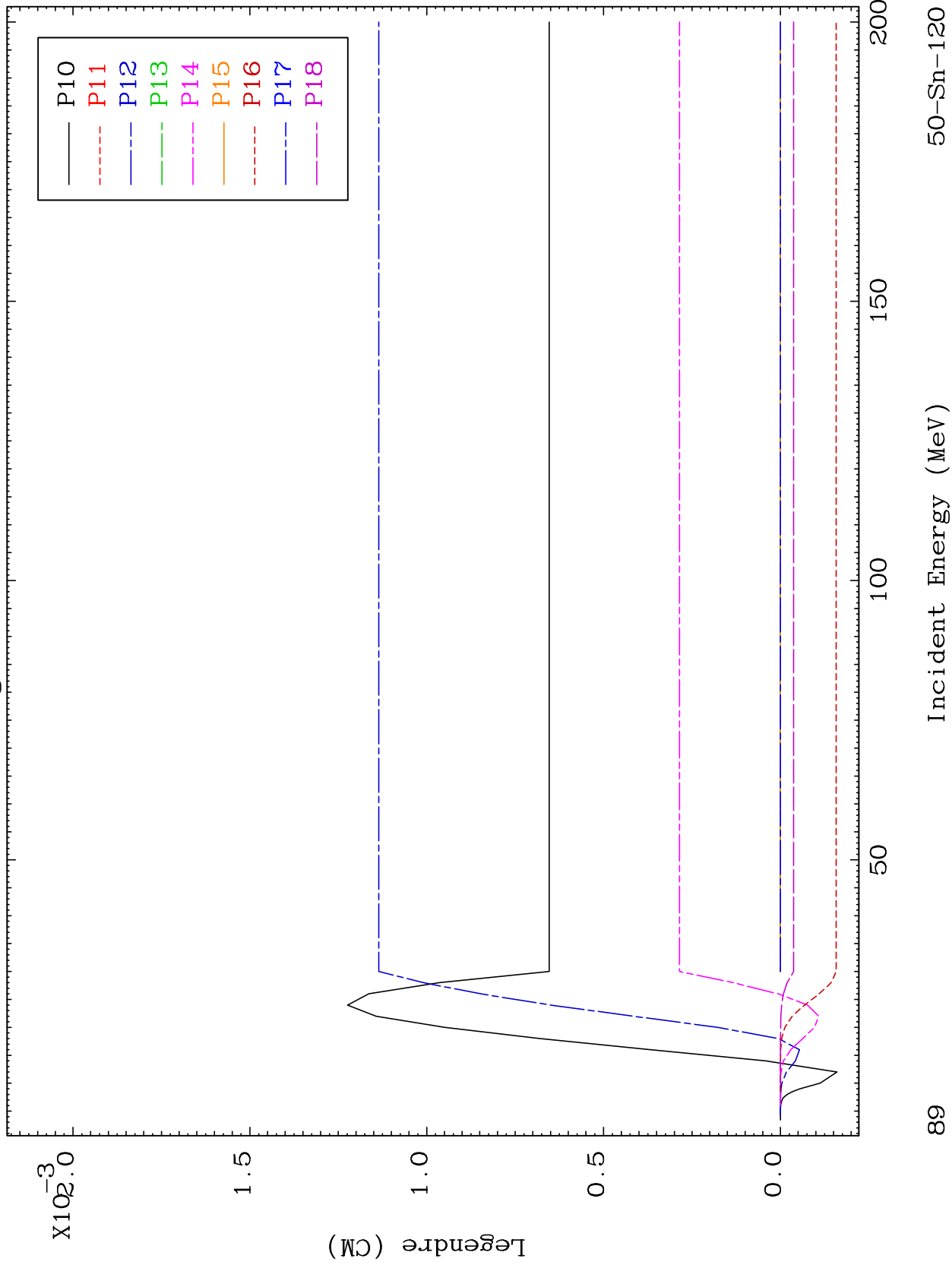


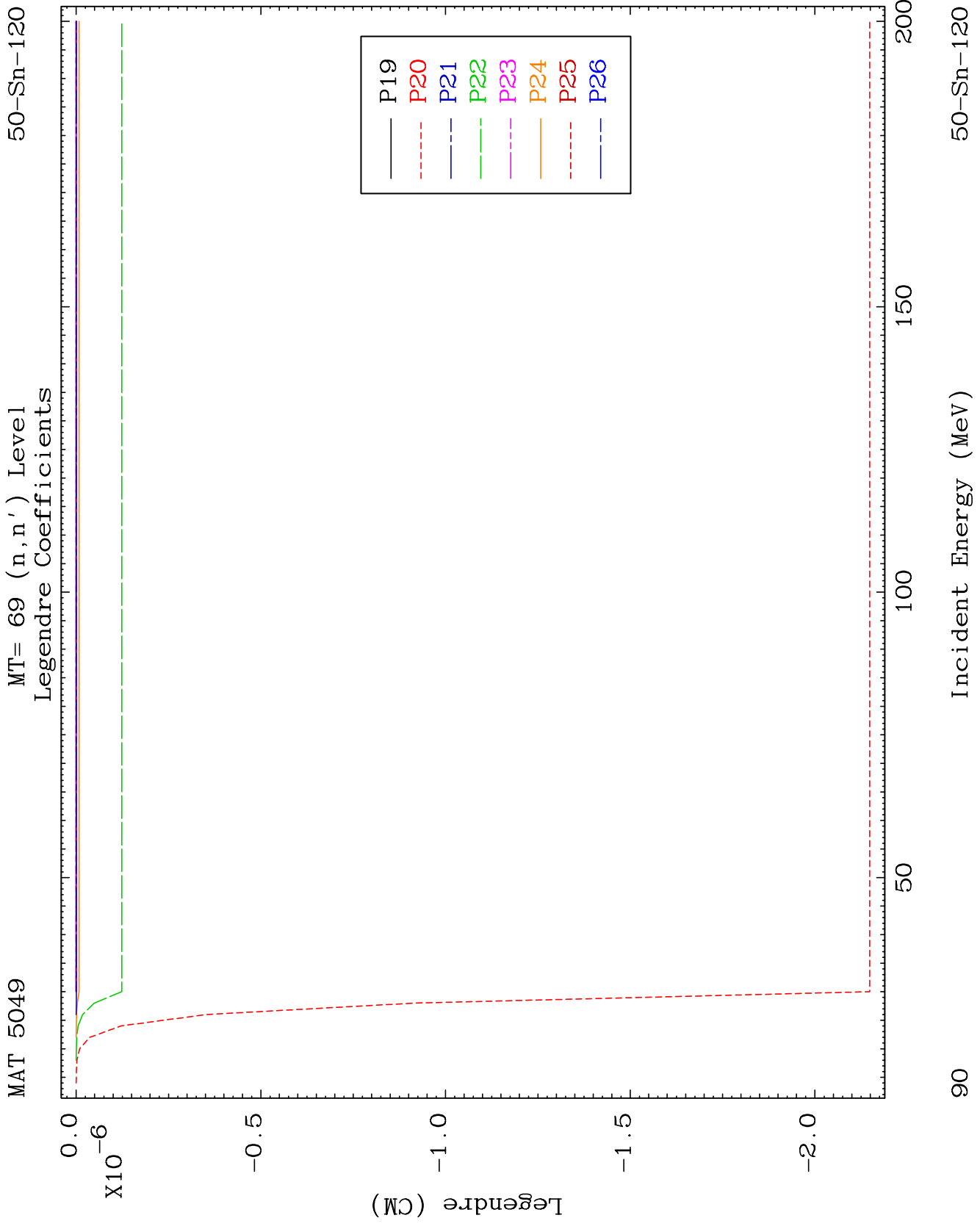


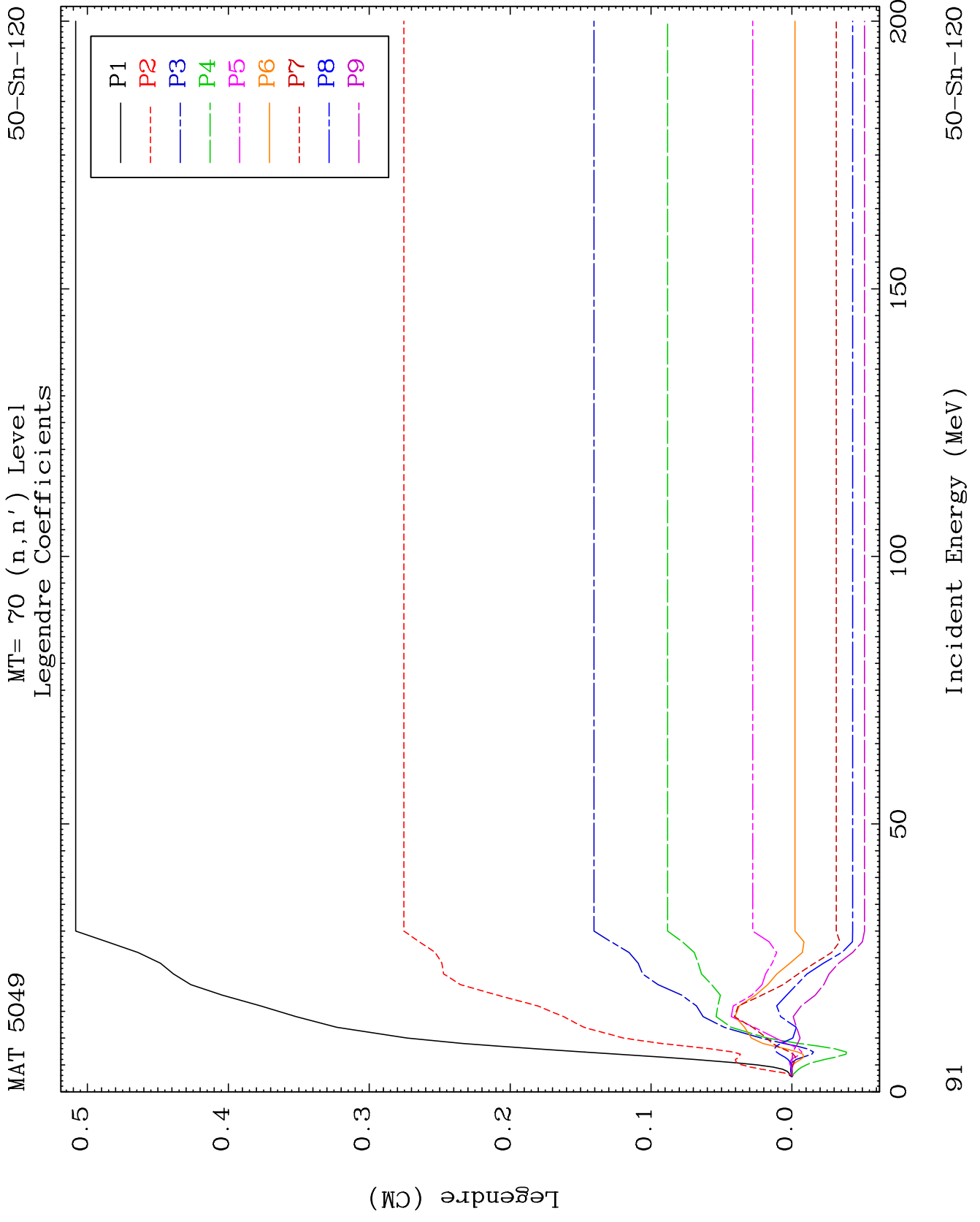
MAT 5049

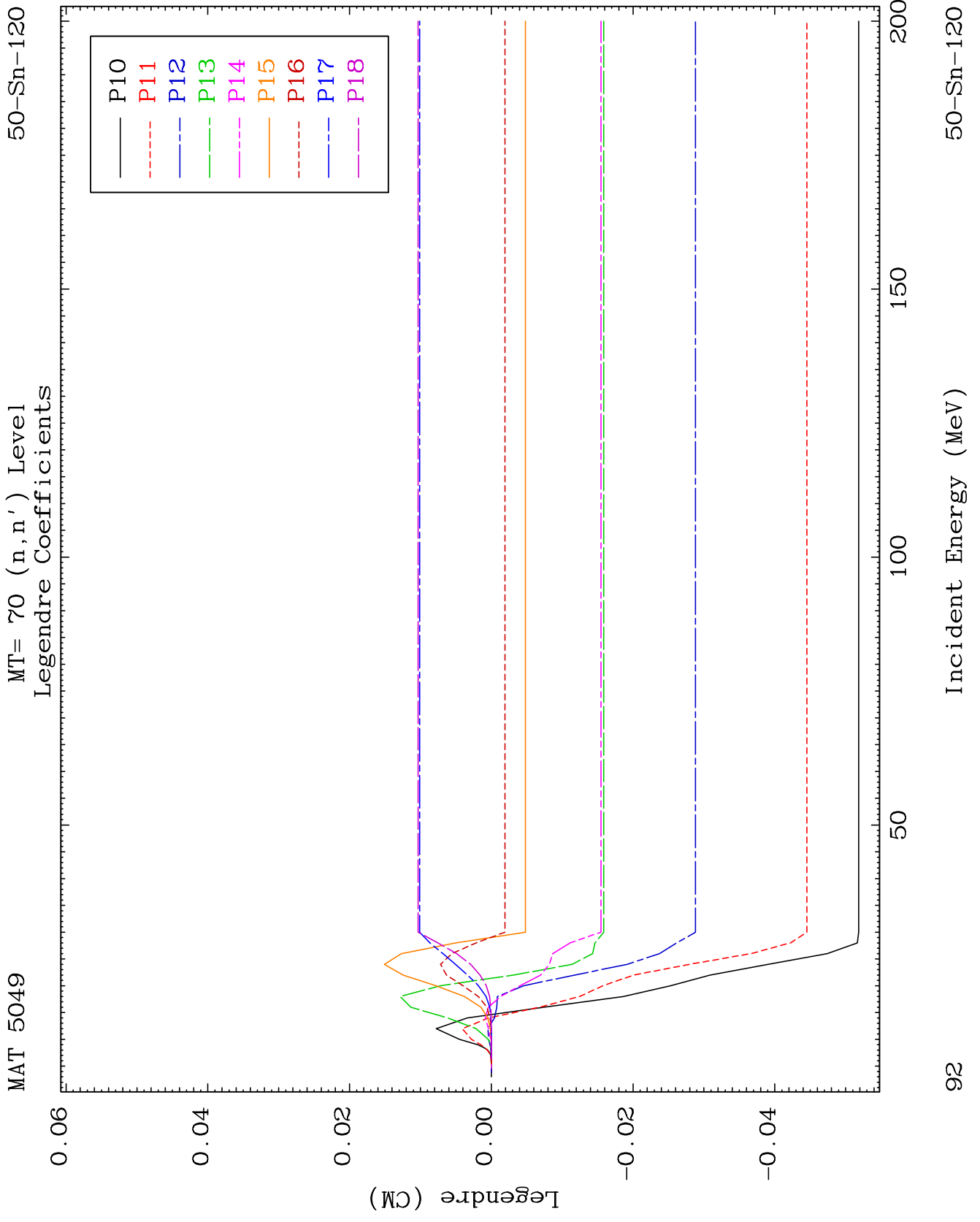
MT= 69 (n,n') Level  
Legendre Coefficients

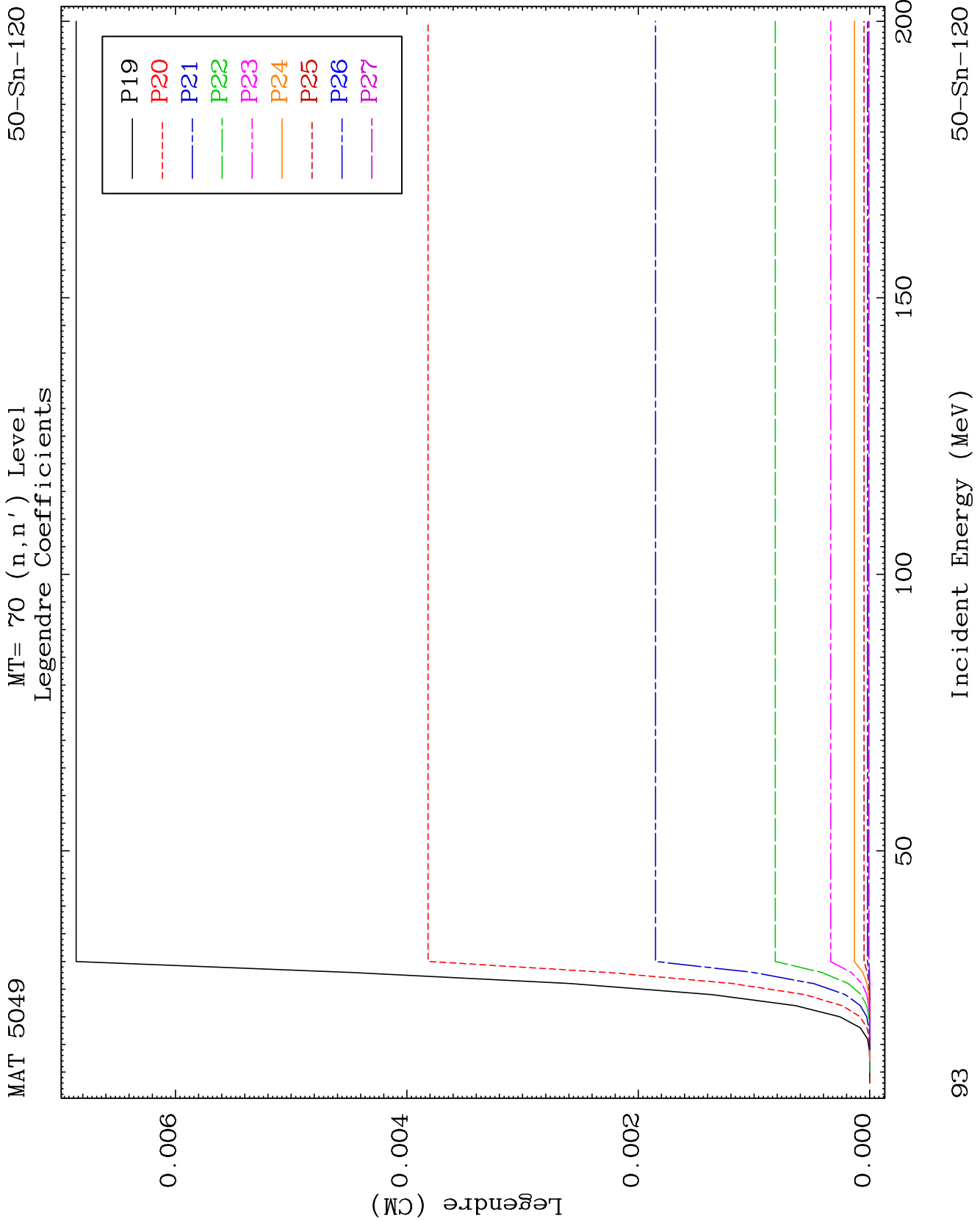
50-Sn-120













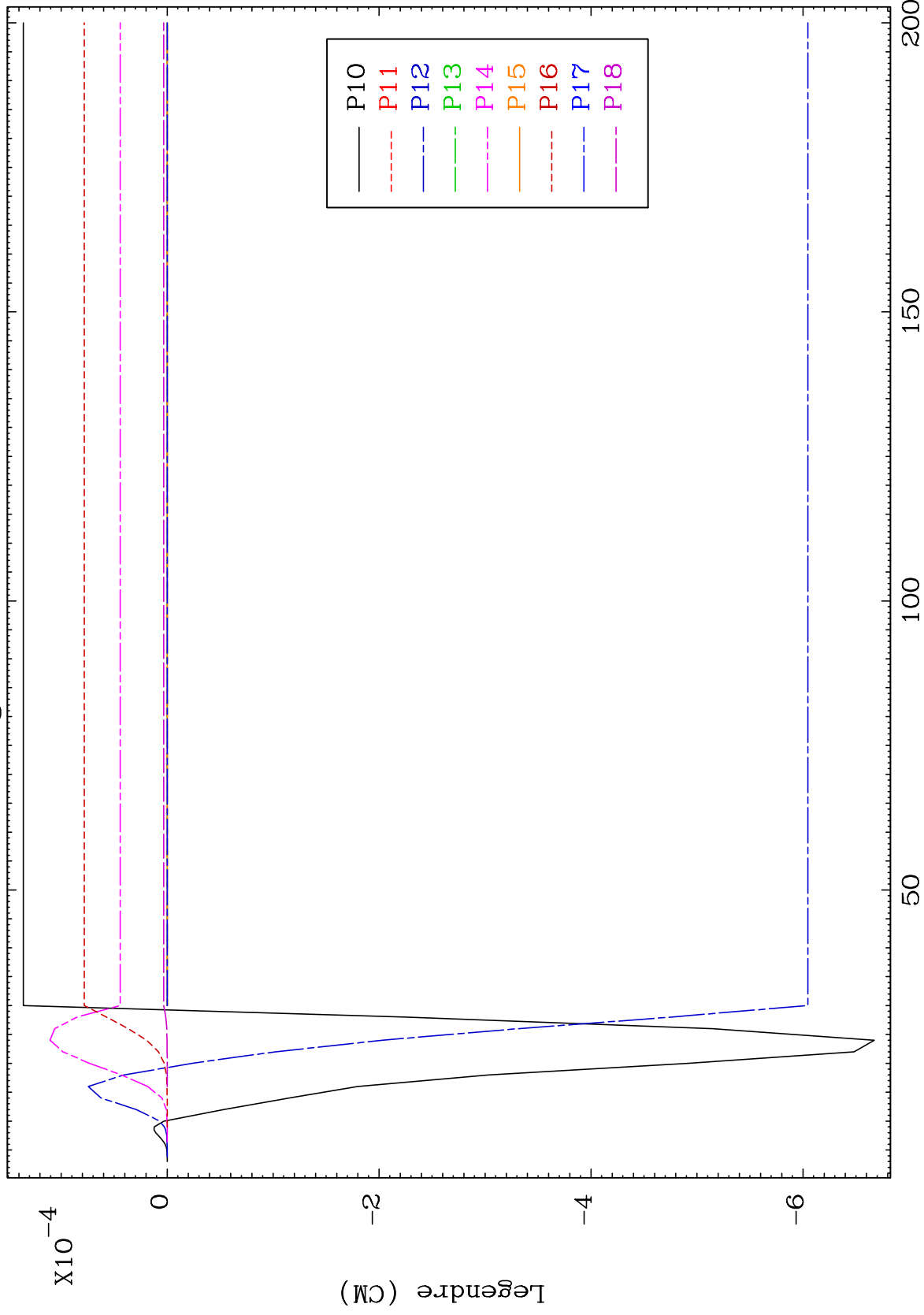




MAT 5049

50-Sn-120

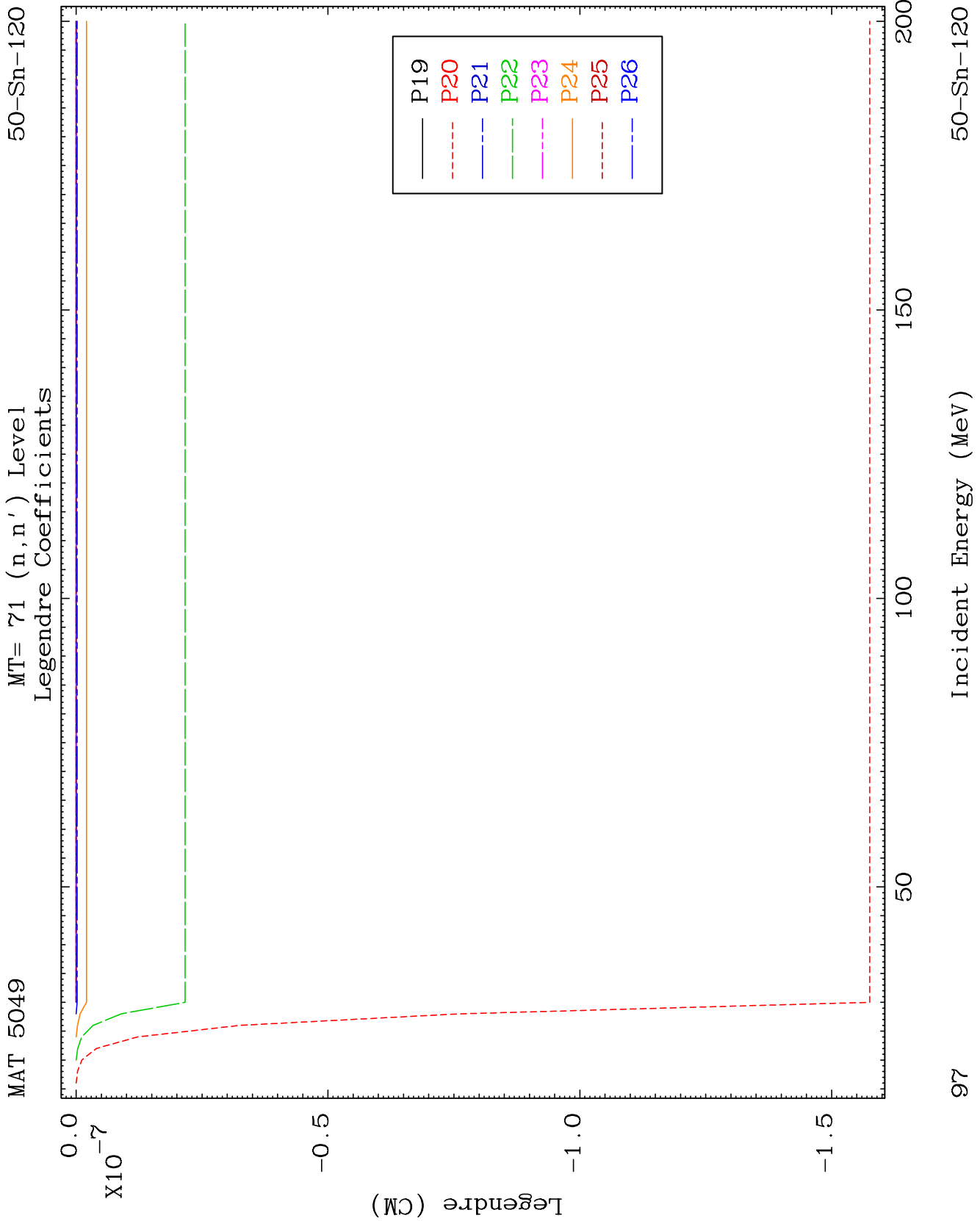
MT= 71 (n,n') Level  
Legendre Coefficients



96

50-Sn-120

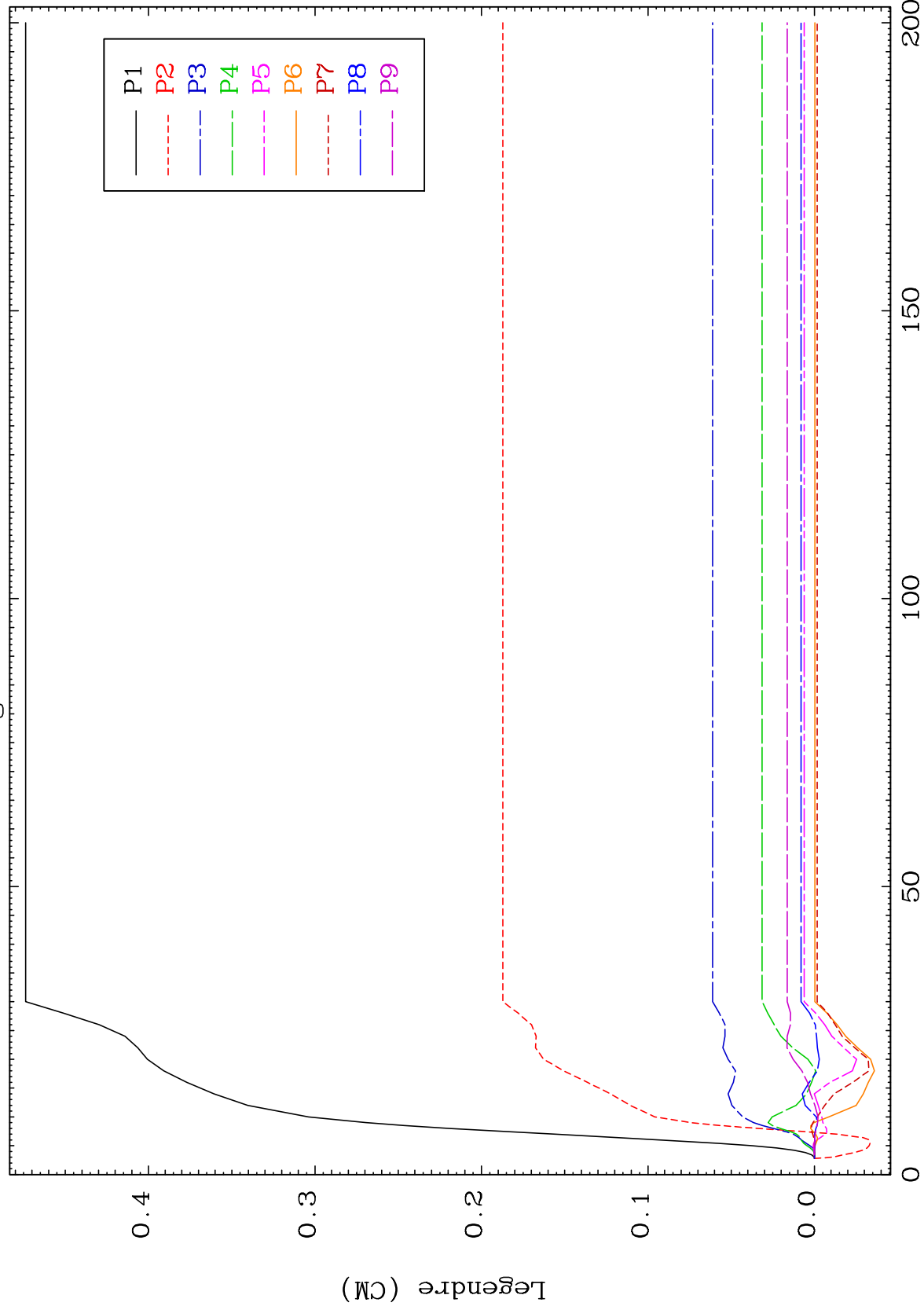
Incident Energy (MeV)



MAT 5049

MT= 72 (n,n') Level  
Legendre Coefficients

50-Sn-120



98

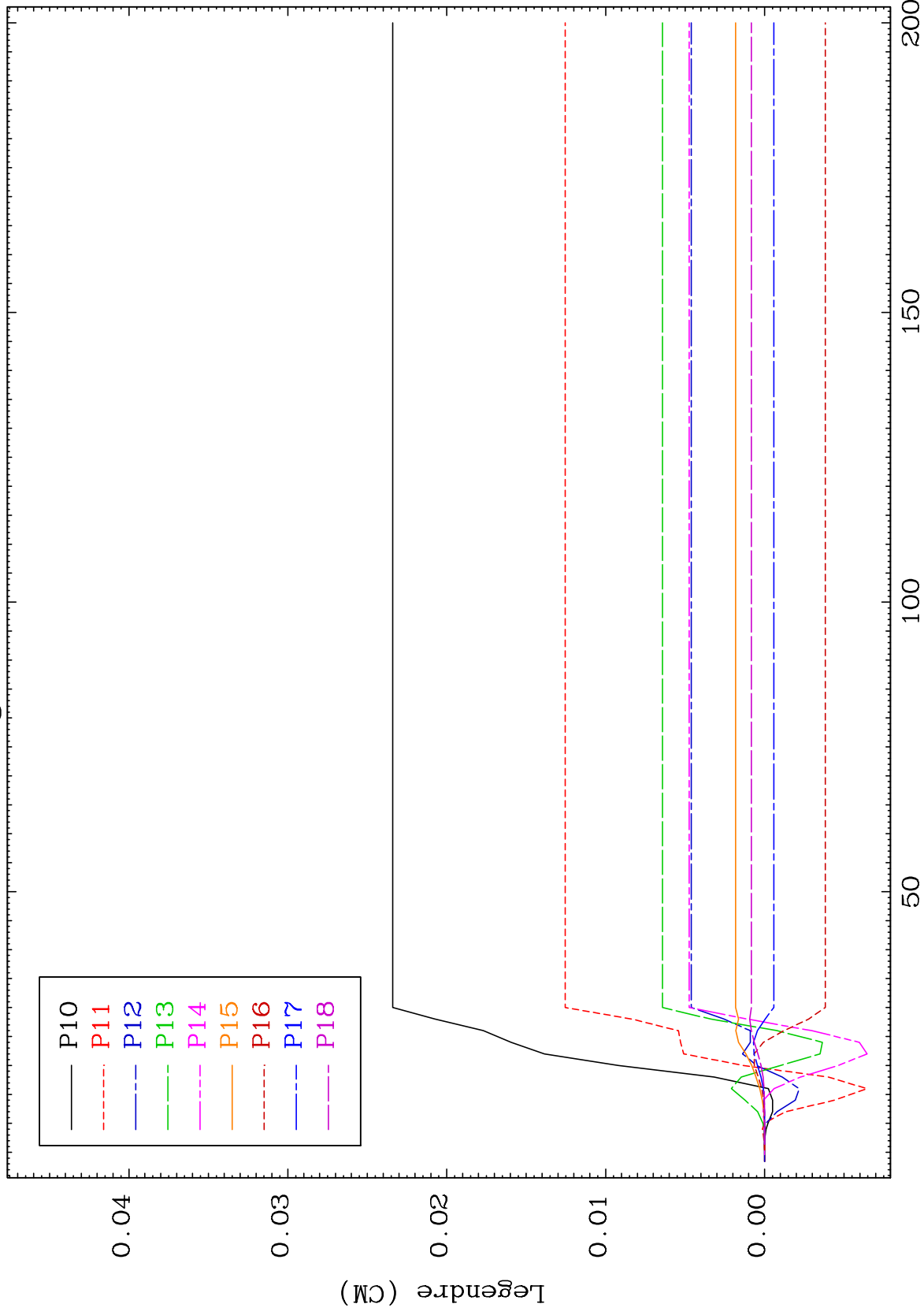
Incident Energy (MeV)

50-Sn-120

MAT 5049

MT= 72 (n,n') Level  
Legendre Coefficients

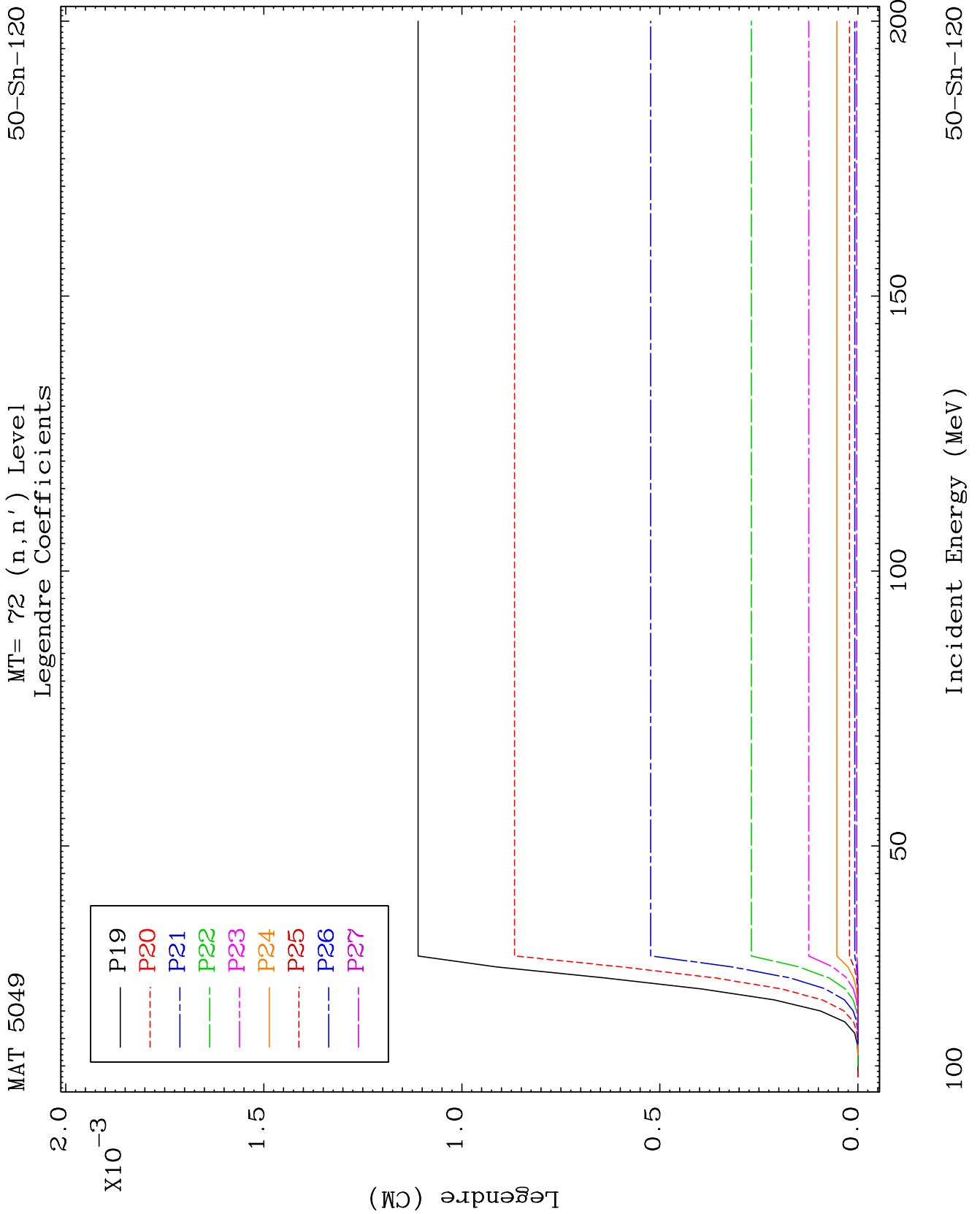
50-Sn-120

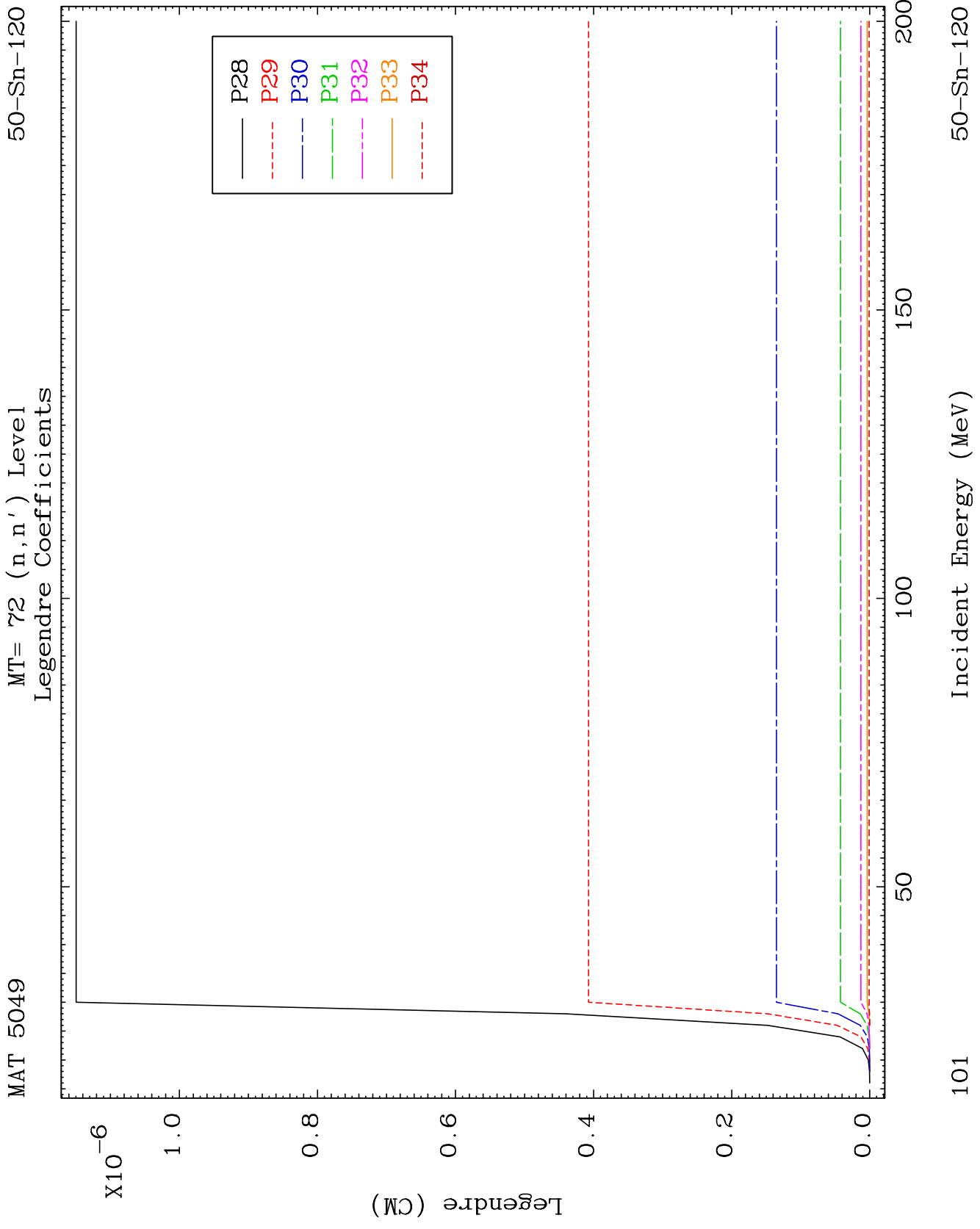


99

Incident Energy (MeV)

50-Sn-120



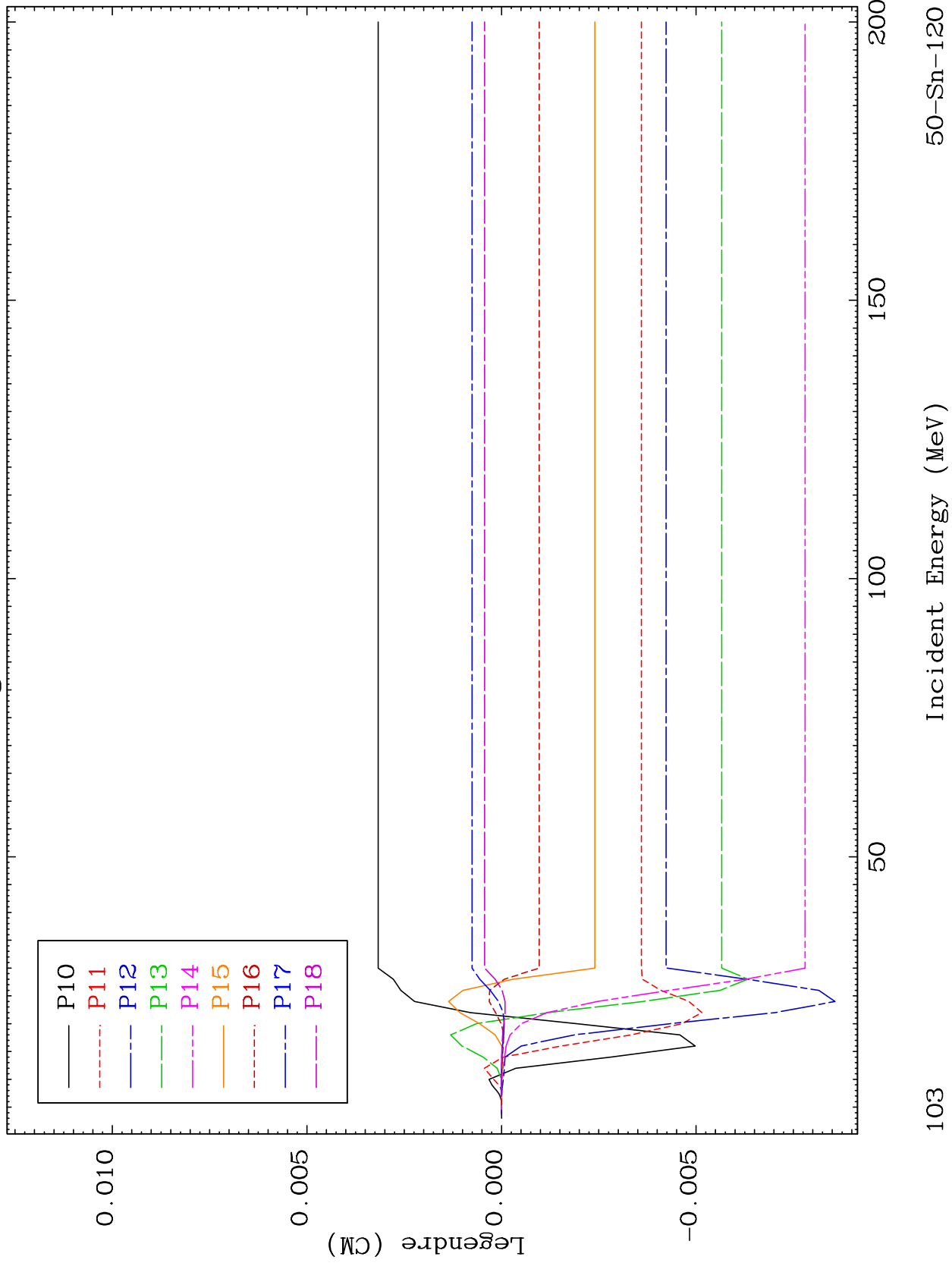




MAT 5049

MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-120

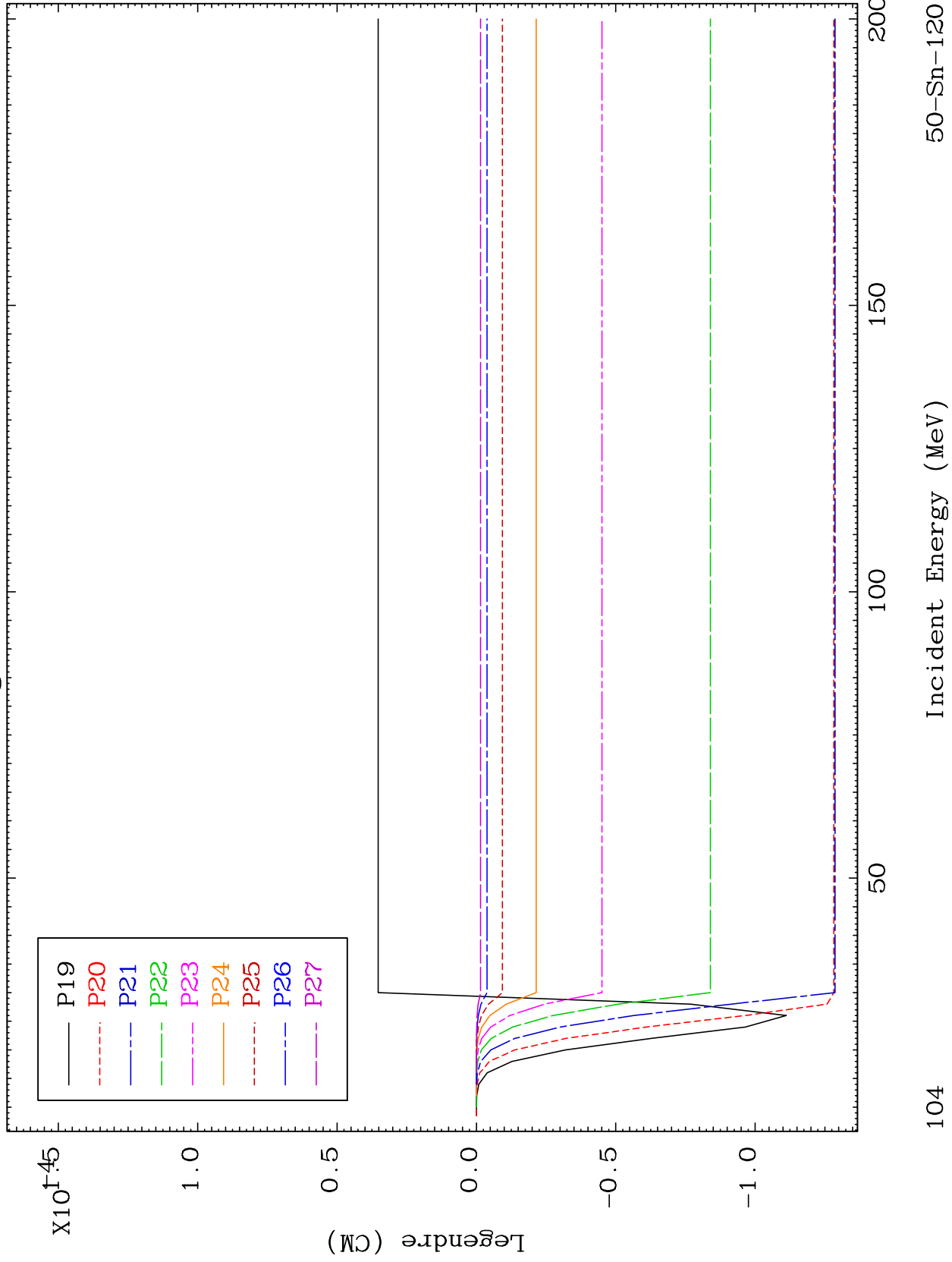




MAT 5049

MT= 73 (n,n') Level  
Legendre Coefficients

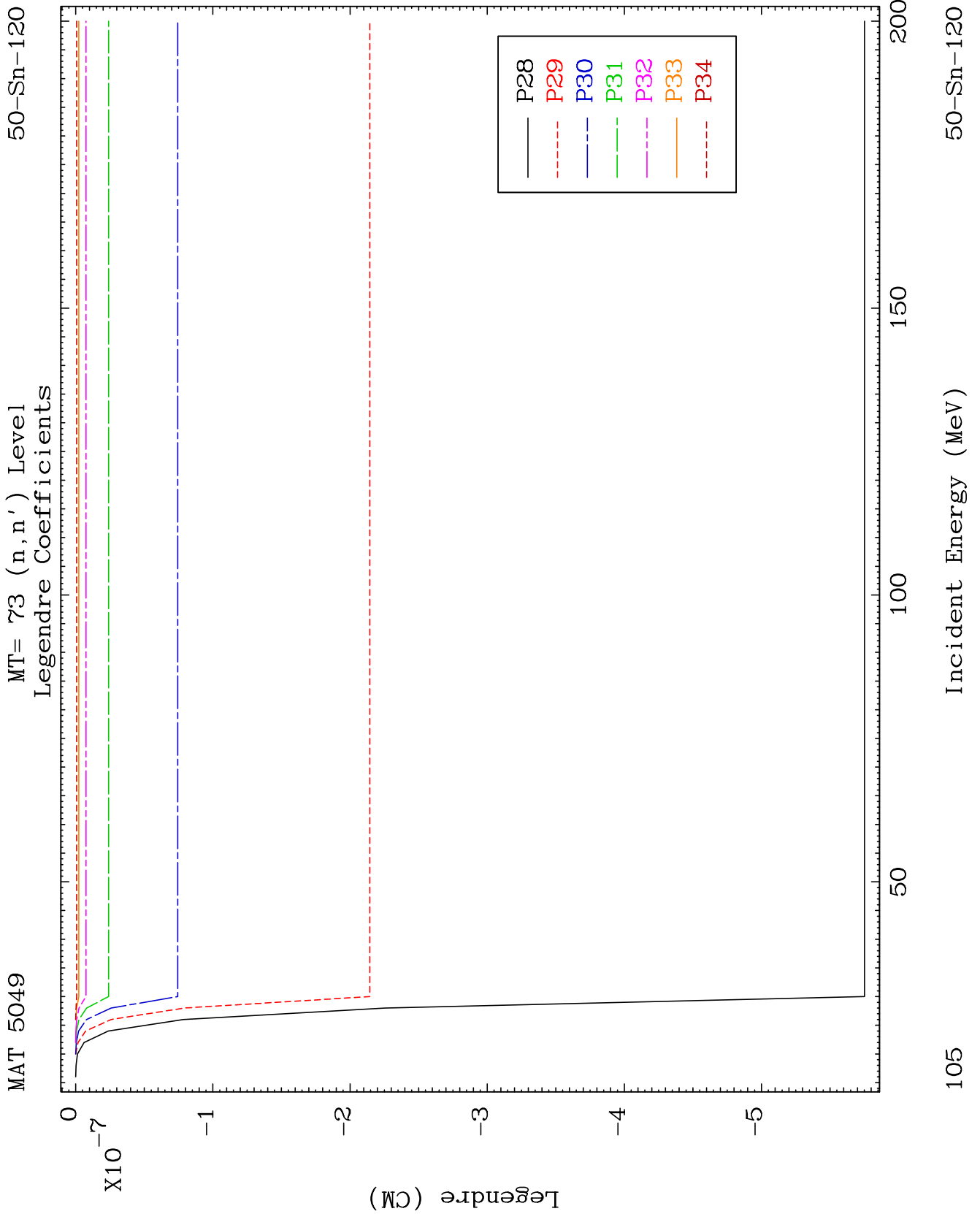
50-Sn-120



104

Incident Energy (MeV)

50-Sn-120

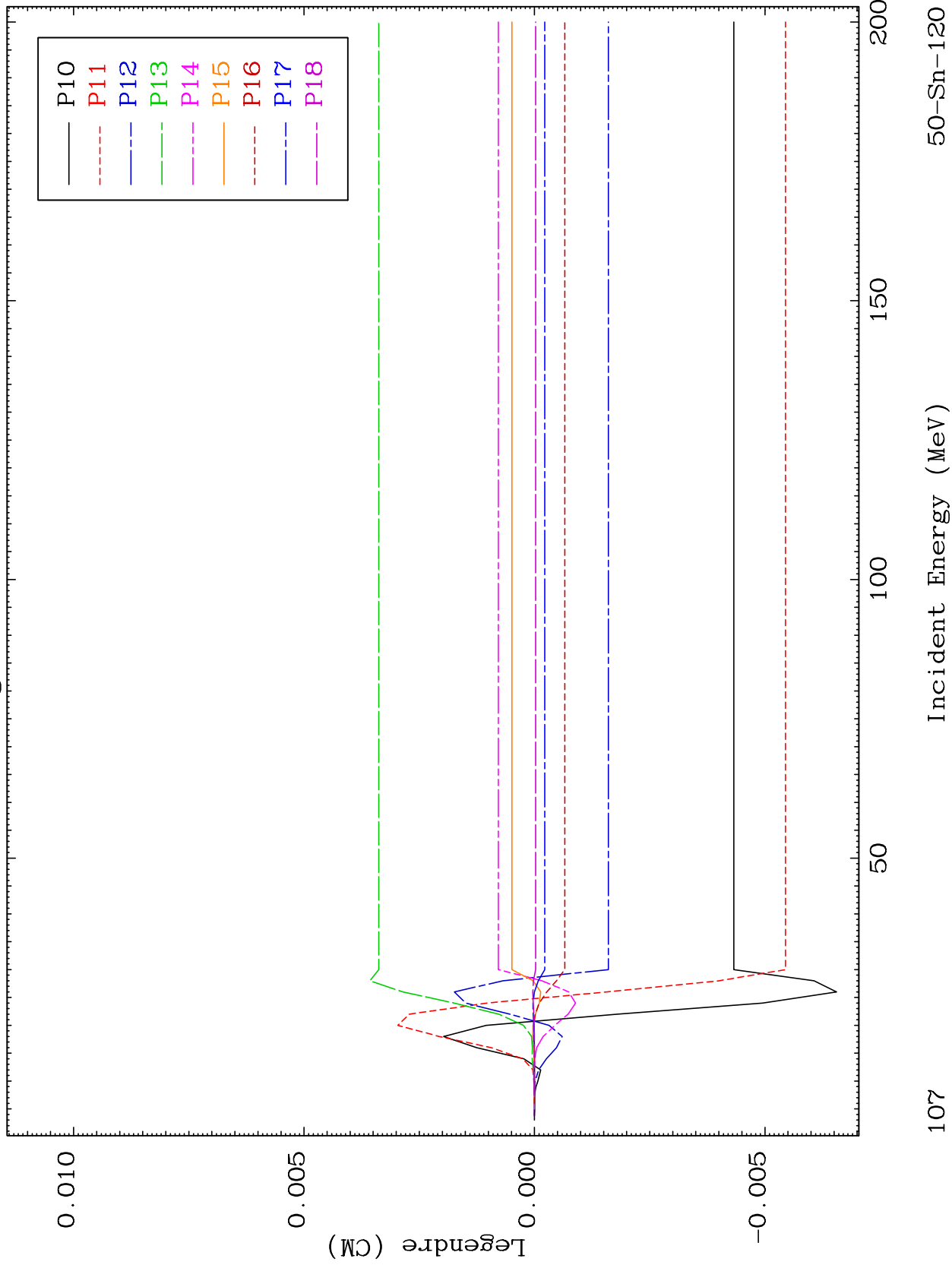




MAT 5049

MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-120

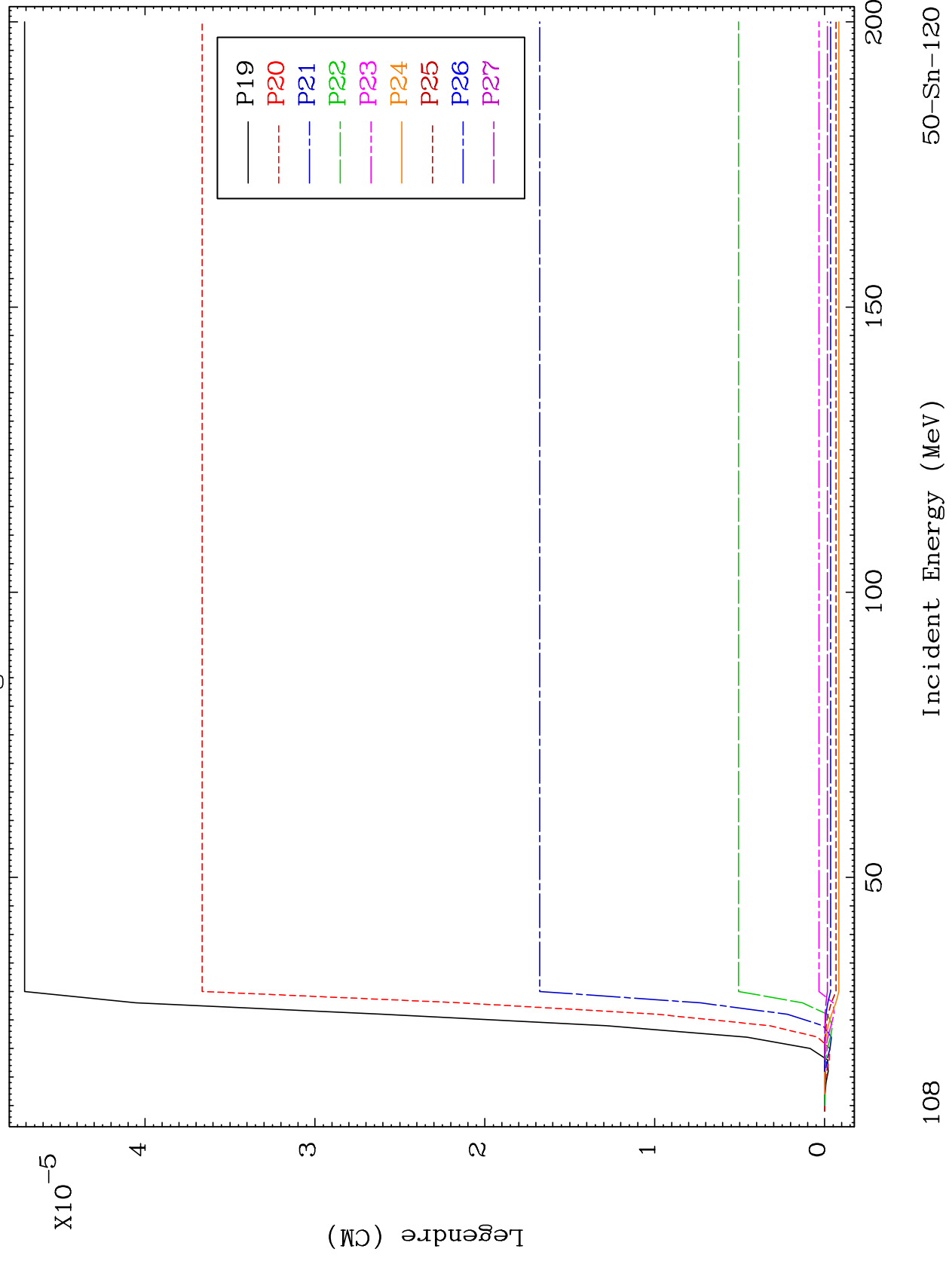


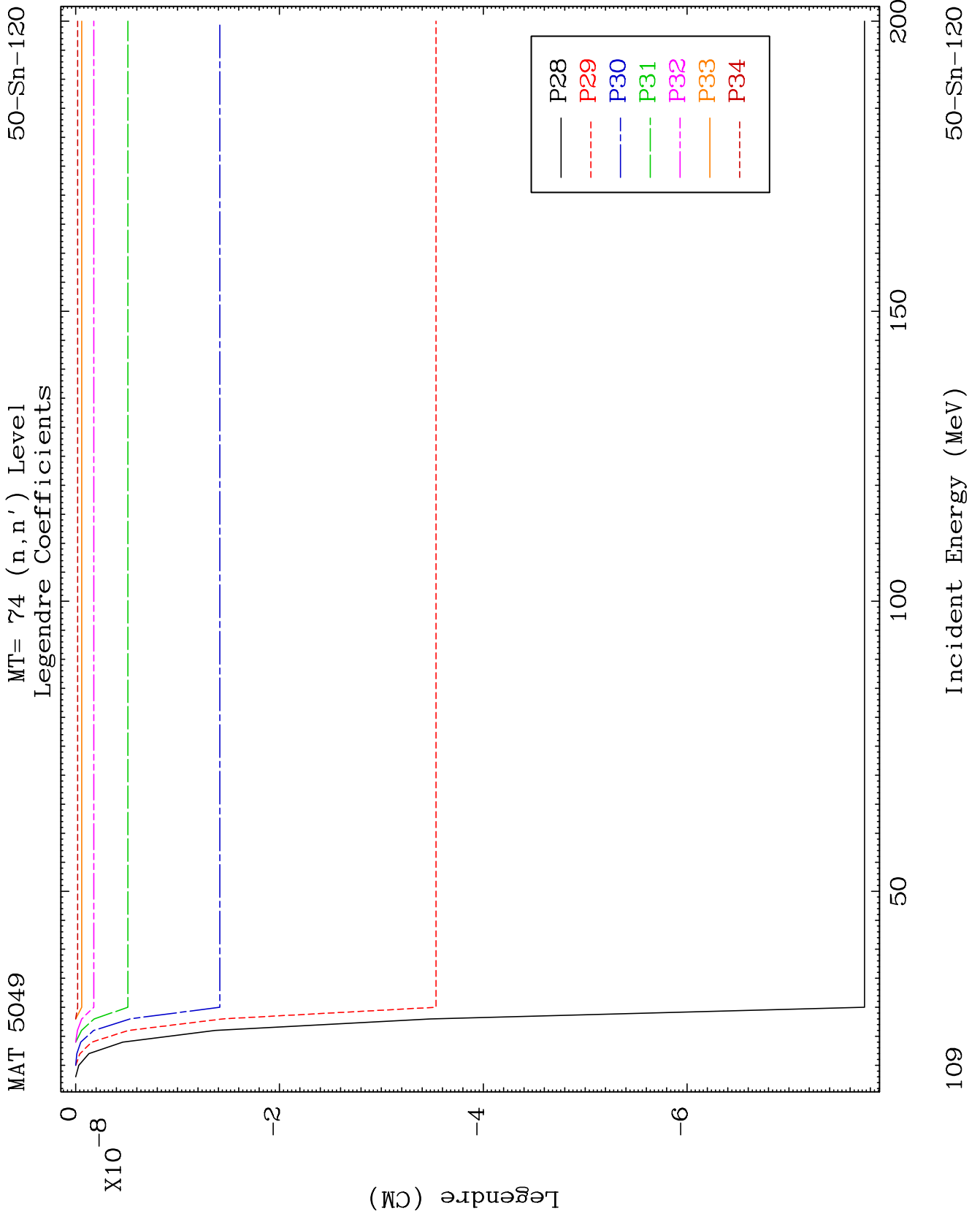
107

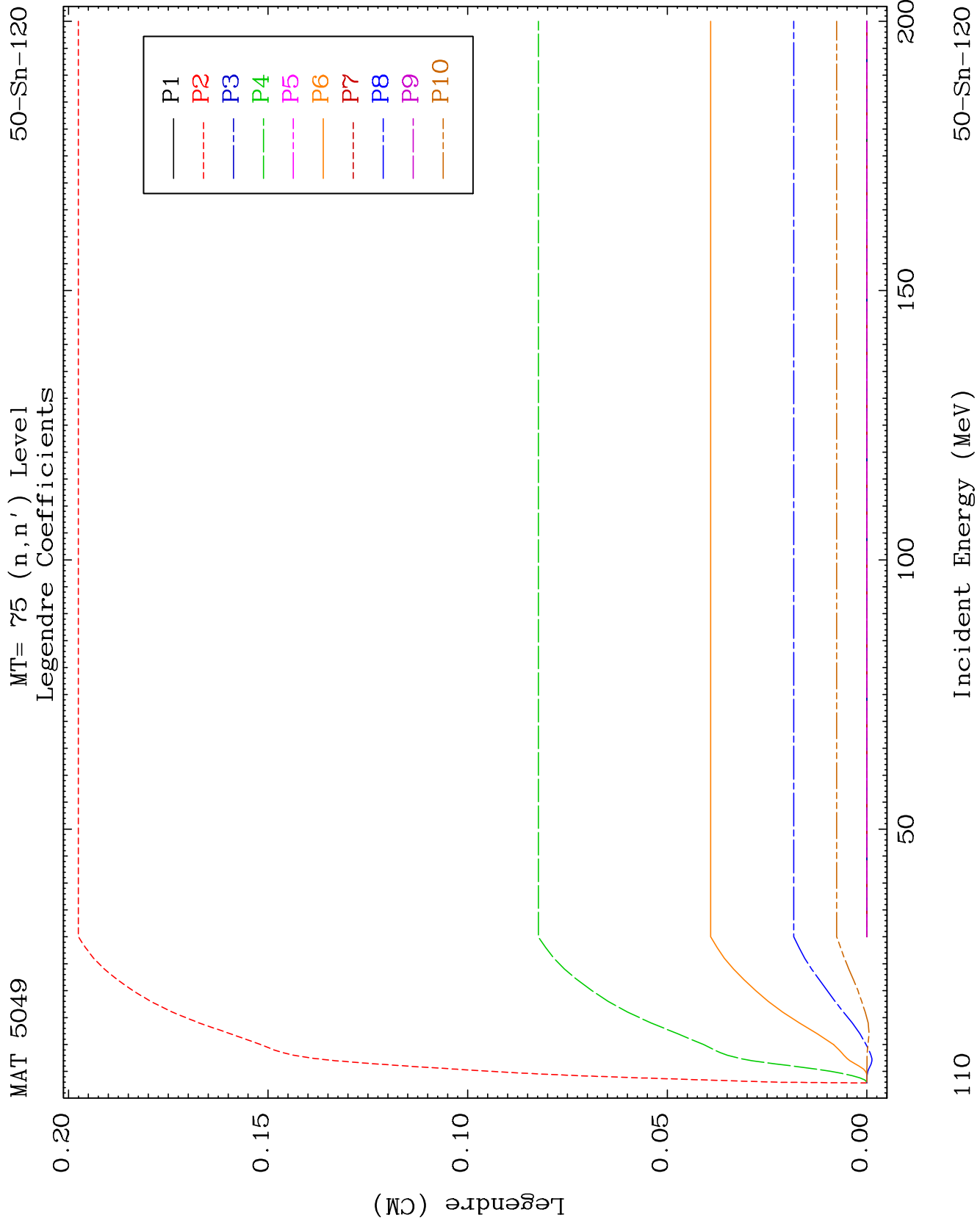
MAT 5049

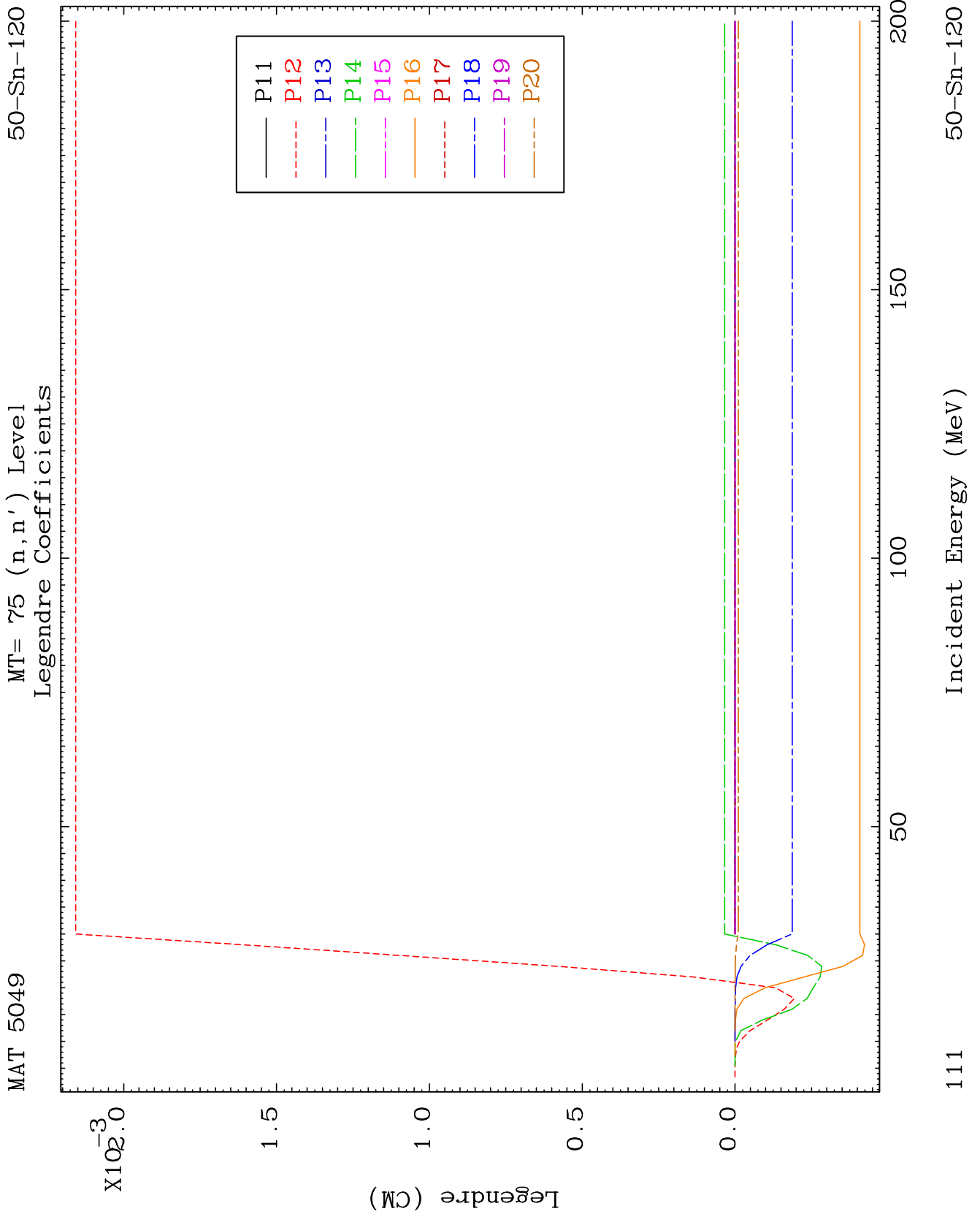
MT= 74 (n,n') Level  
Legendre Coefficients

50-Sn-120

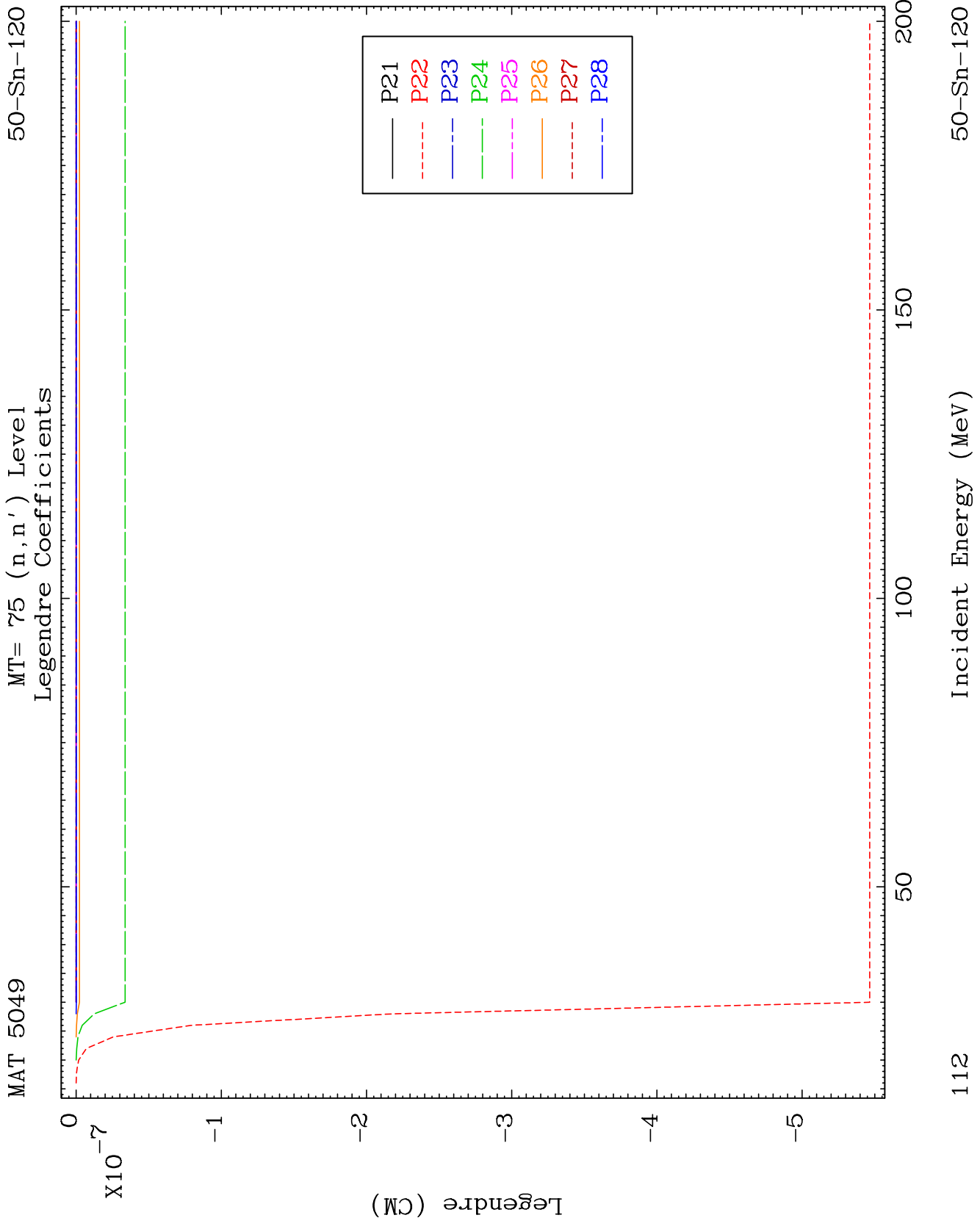








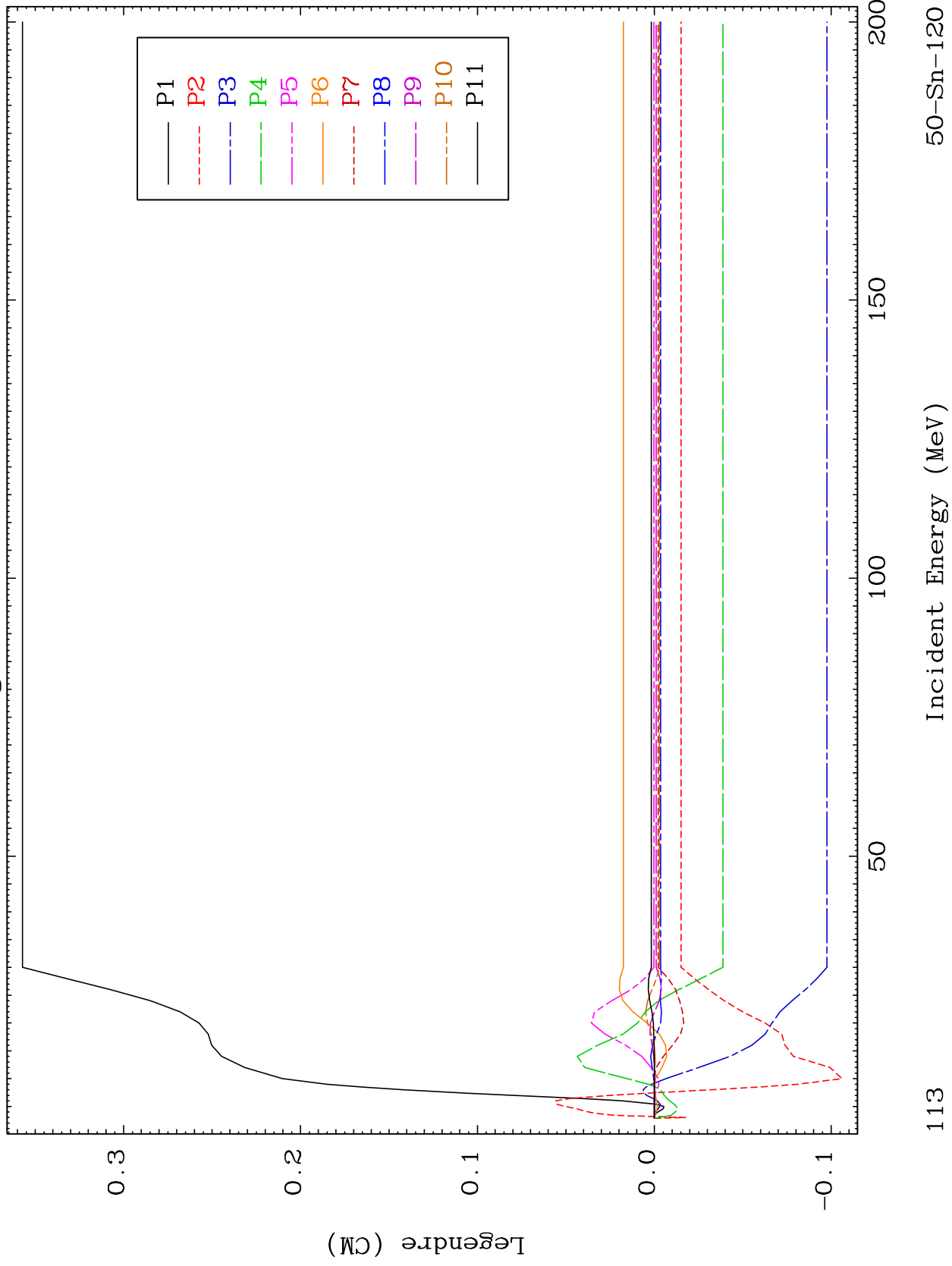




MAT 5049

MT= 76 (n,n') Level  
Legendre Coefficients

50-Sn-120



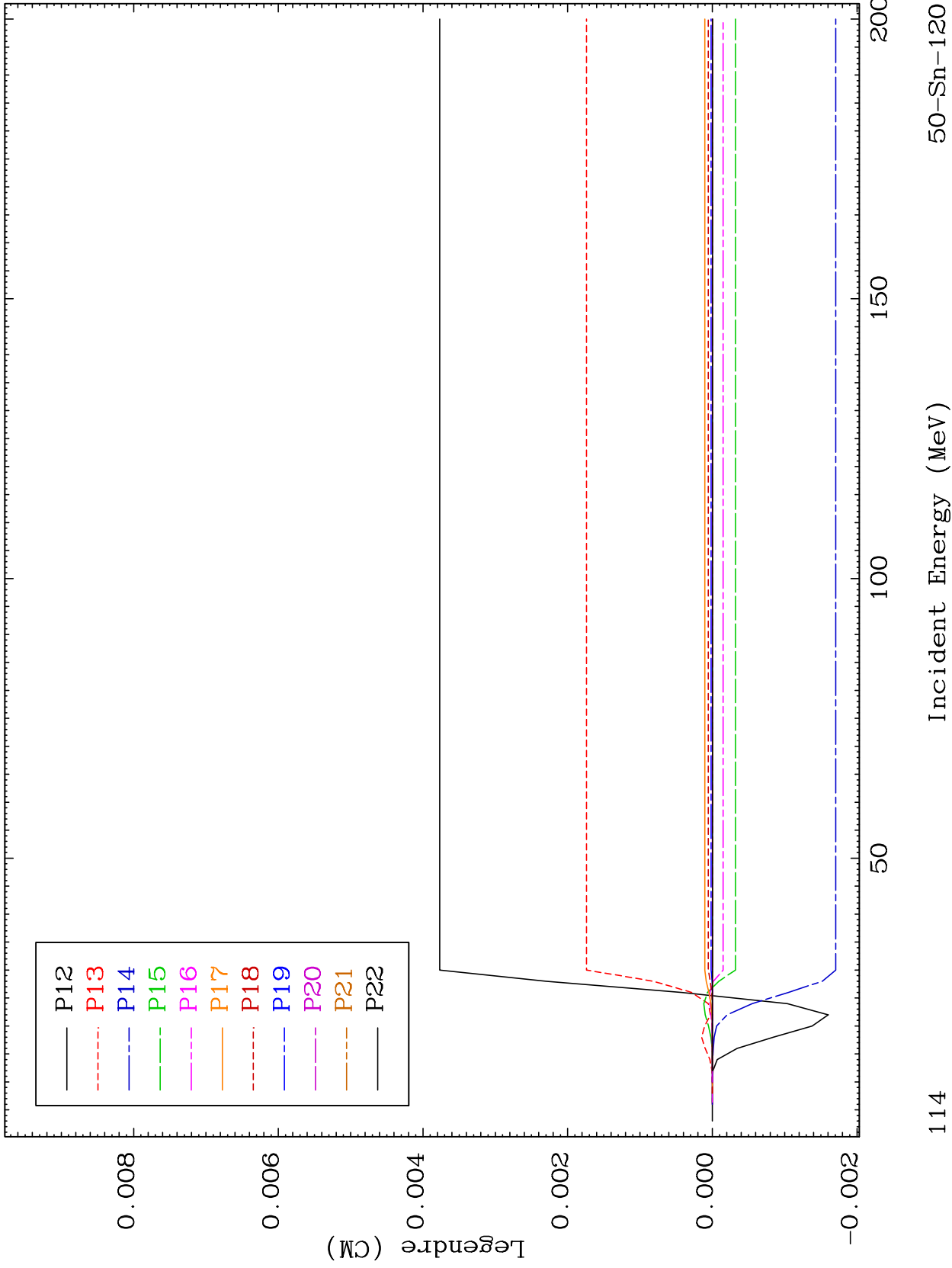
113

50-Sn-120

MAT 5049

MT= 76 (n,n') Level  
Legendre Coefficients

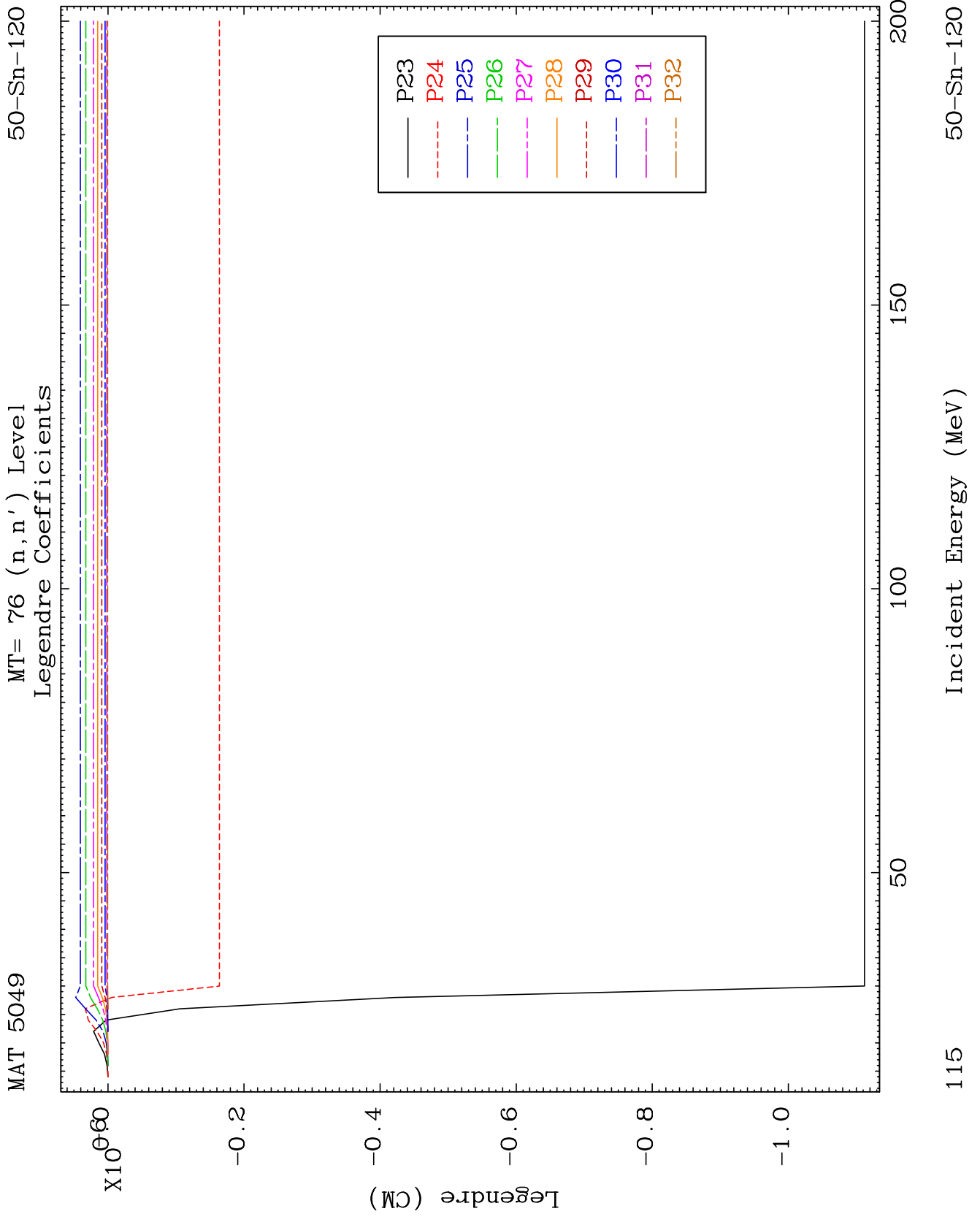
50-Sn-120



114

Incident Energy (MeV)

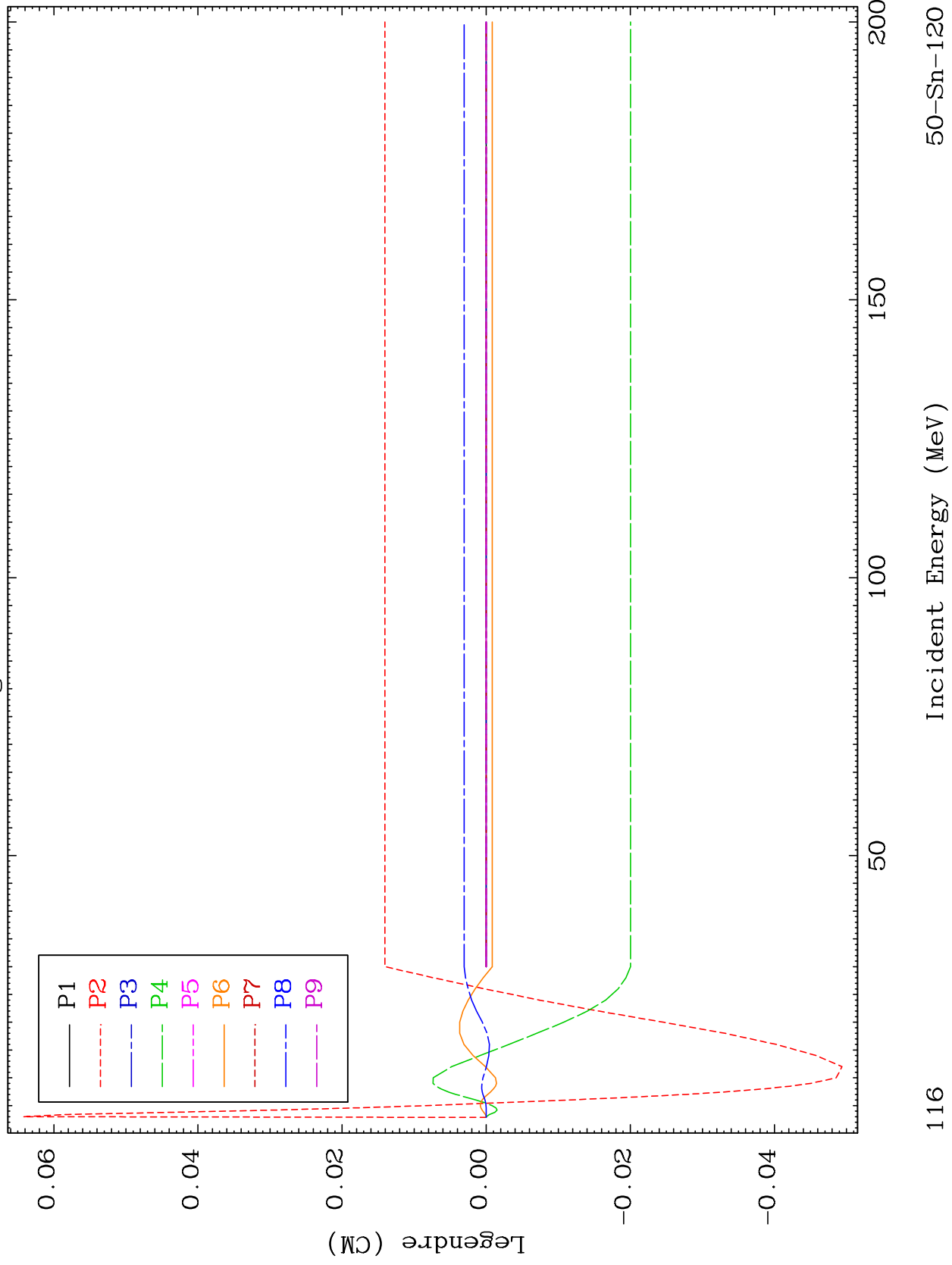
50-Sn-120



MAT 5049

MT= 77 (n,n') Level  
Legendre Coefficients

50-Sn-120



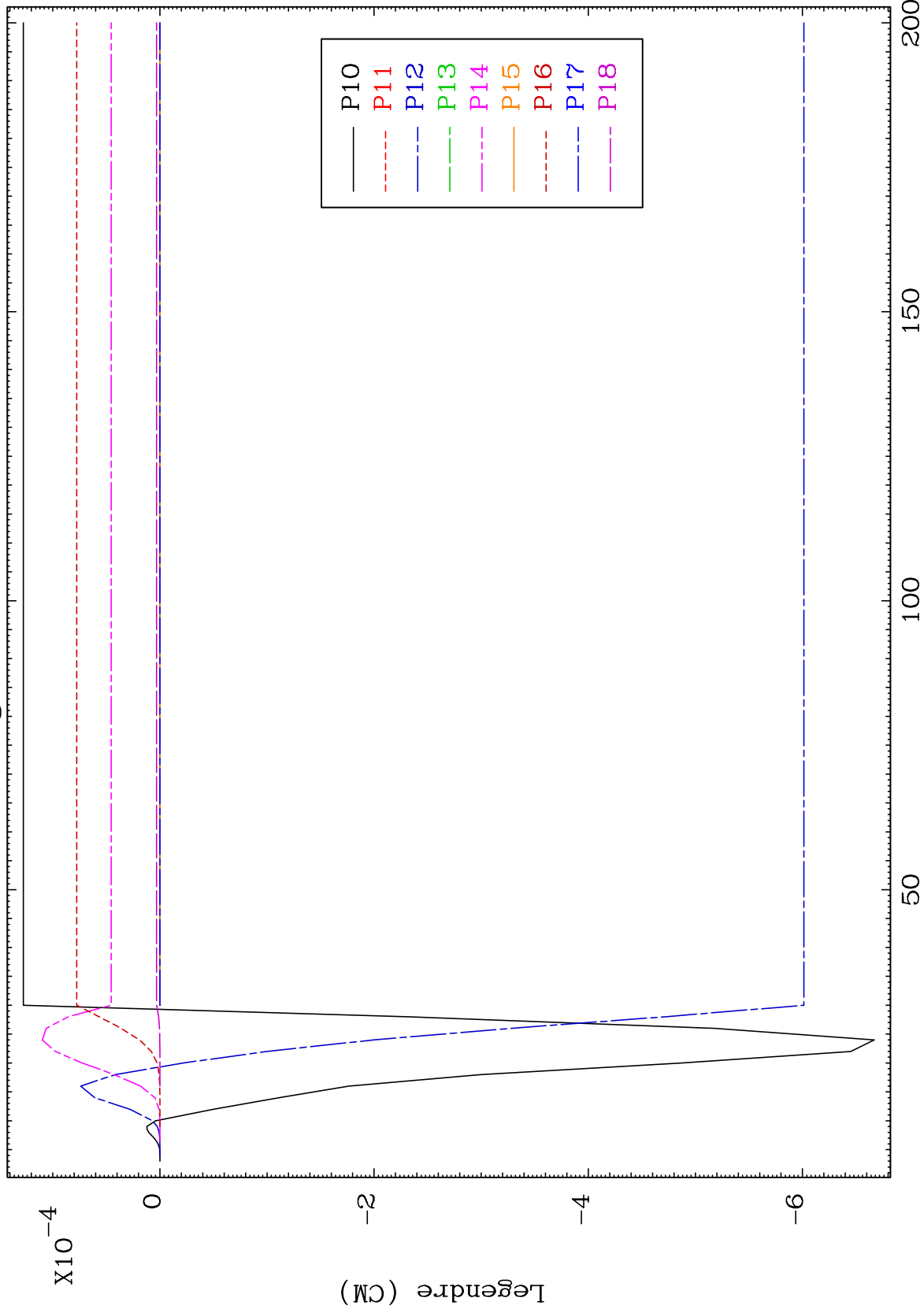
116

50-Sn-120

MAT 5049

MT= 77 (n,n') Level  
Legendre Coefficients

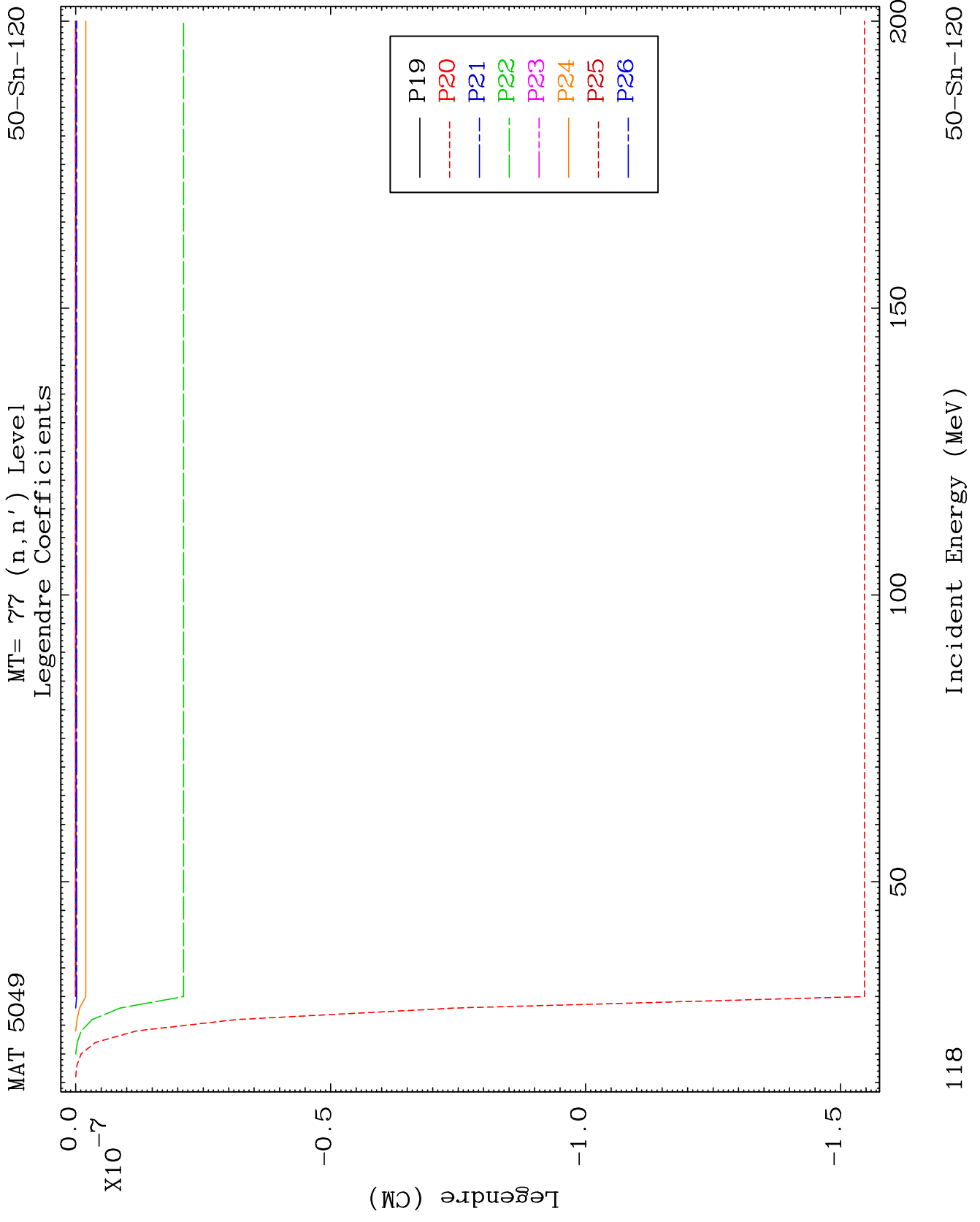
50-Sn-120



117

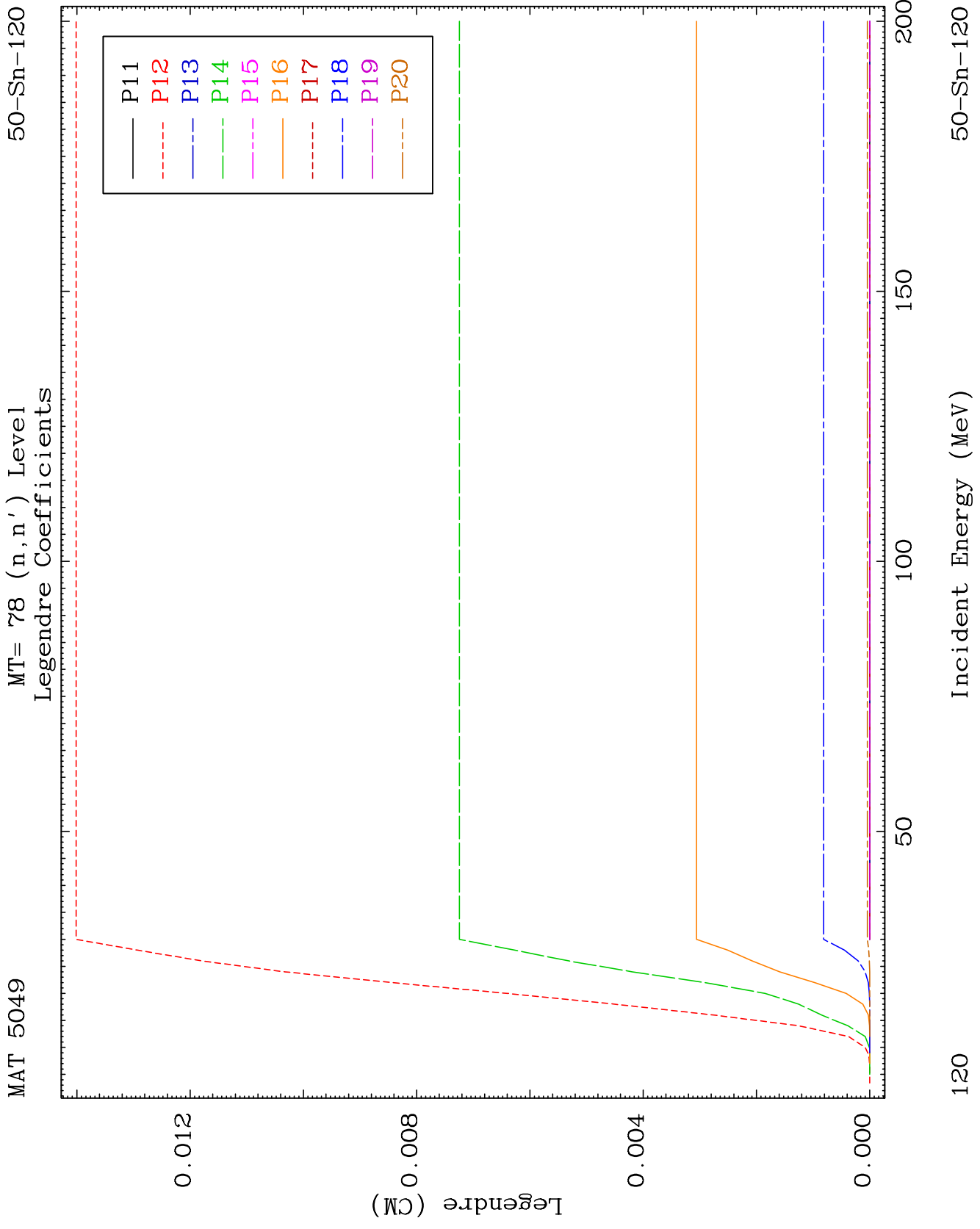
Incident Energy (MeV)

50-Sn-120







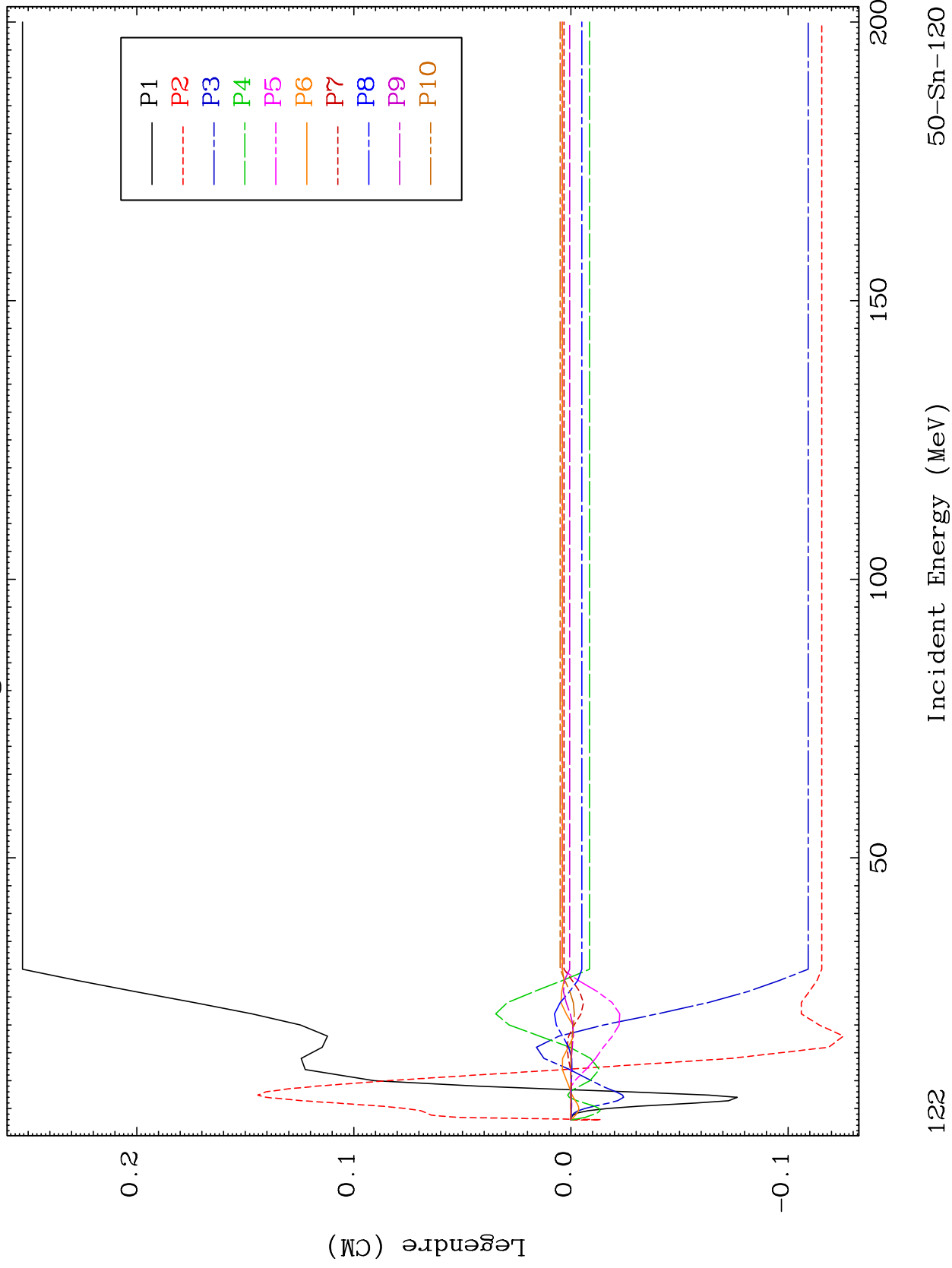




MAT 5049

MT= 79 (n,n') Level  
Legendre Coefficients

50-Sn-120

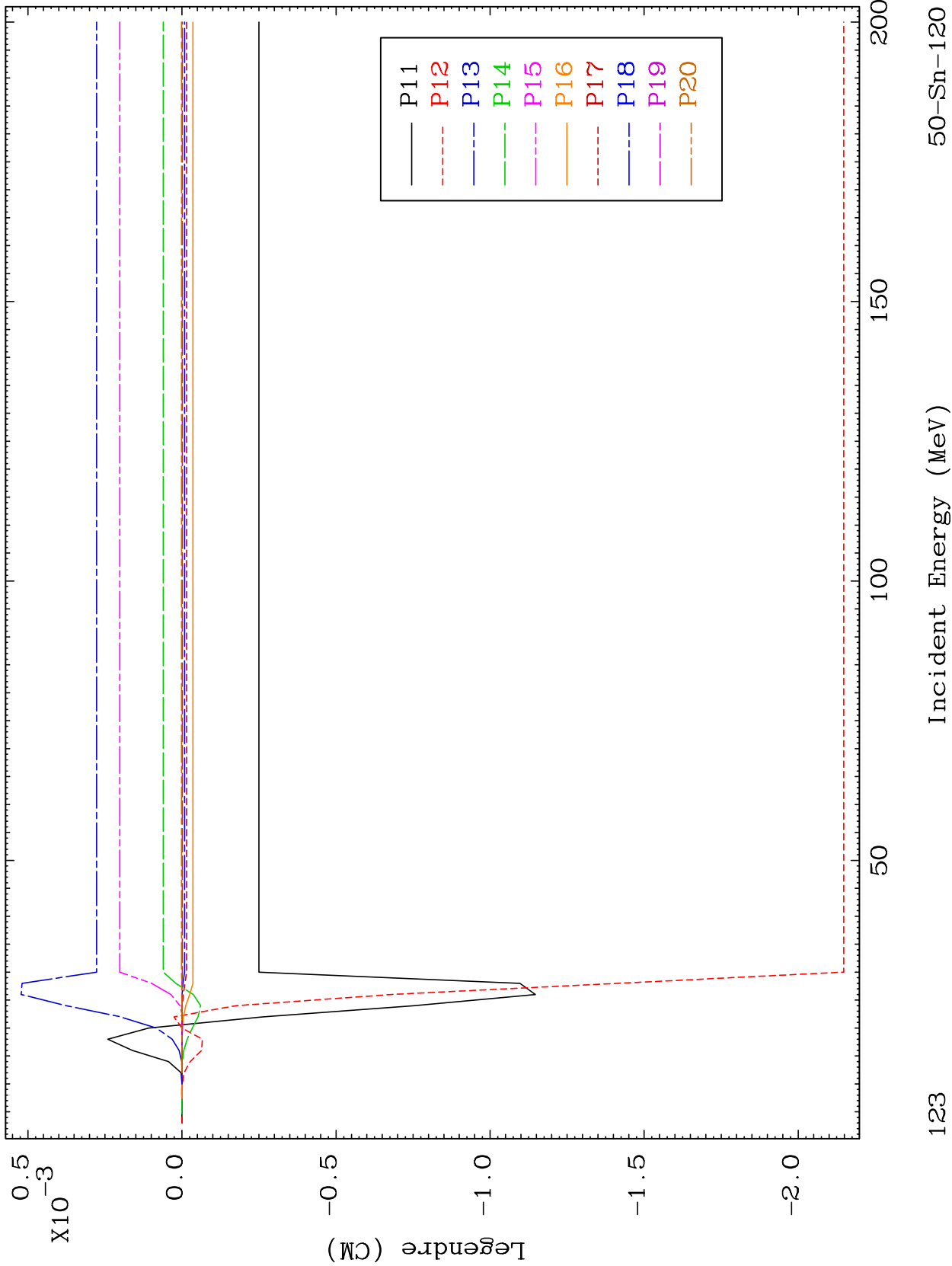


122

MAT 5049

MT= 79 (n,n') Level  
Legendre Coefficients

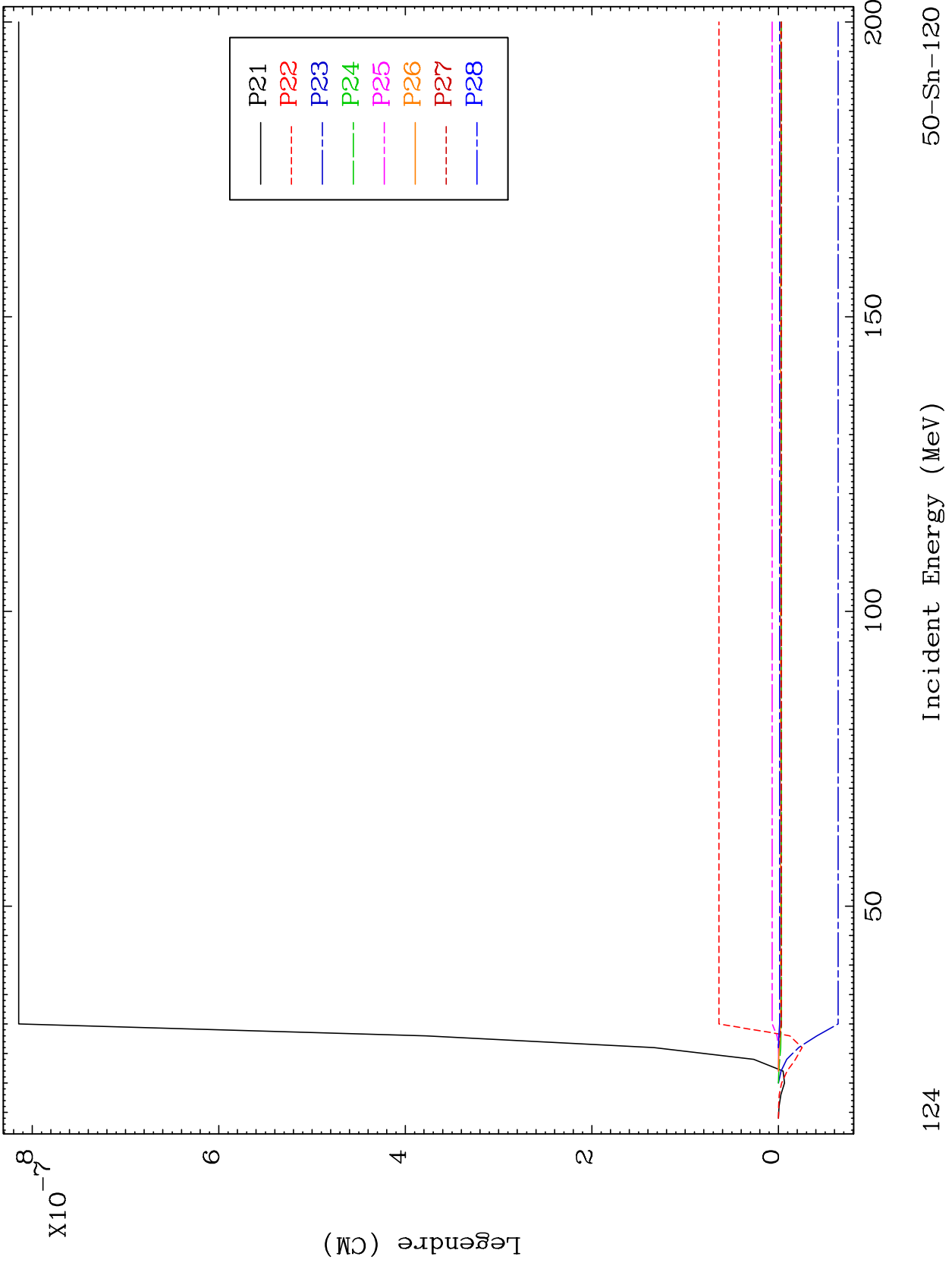
50-Sn-120



MAT 5049

MT= 79 (n,n') Level  
Legendre Coefficients

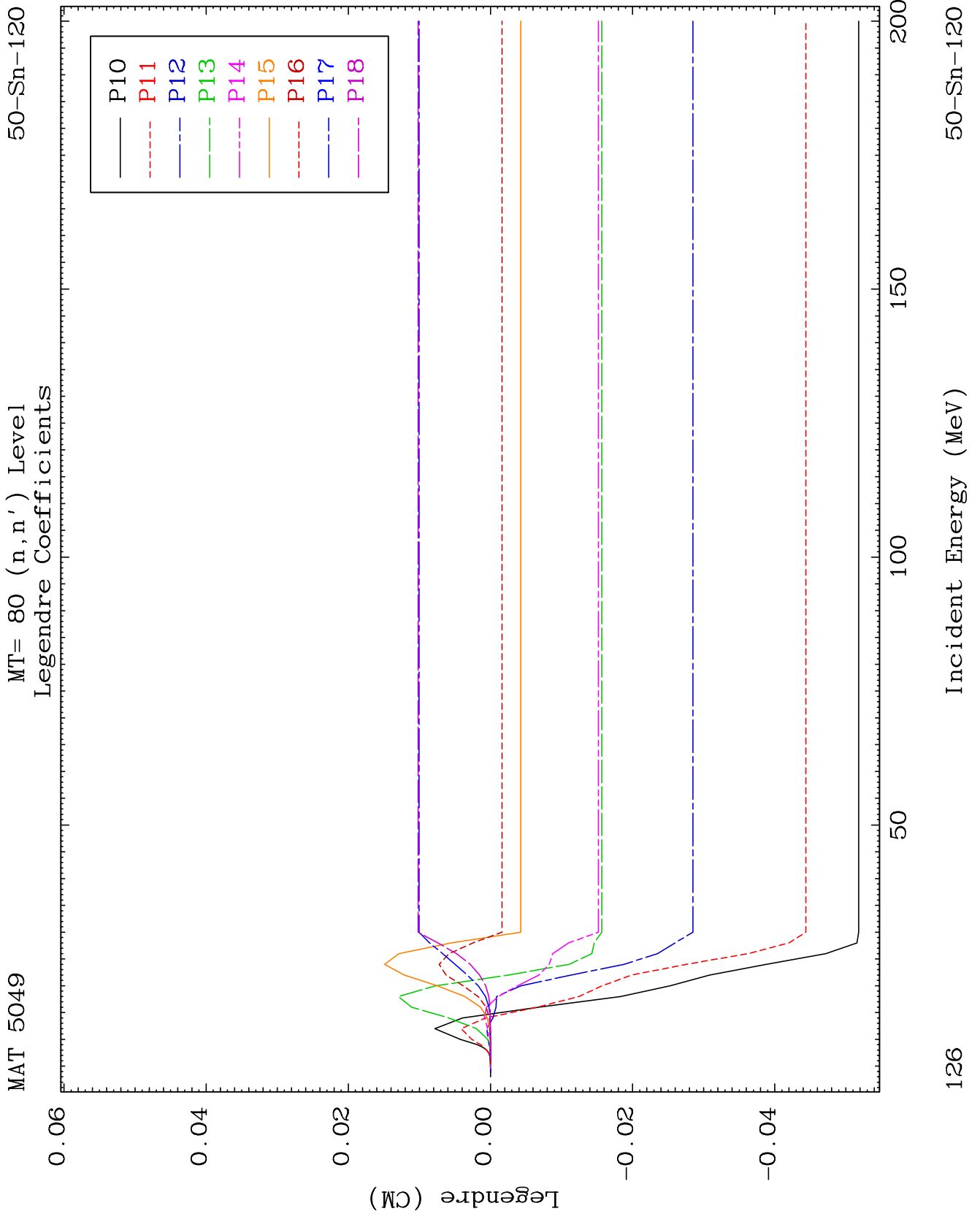
50-Sn-120

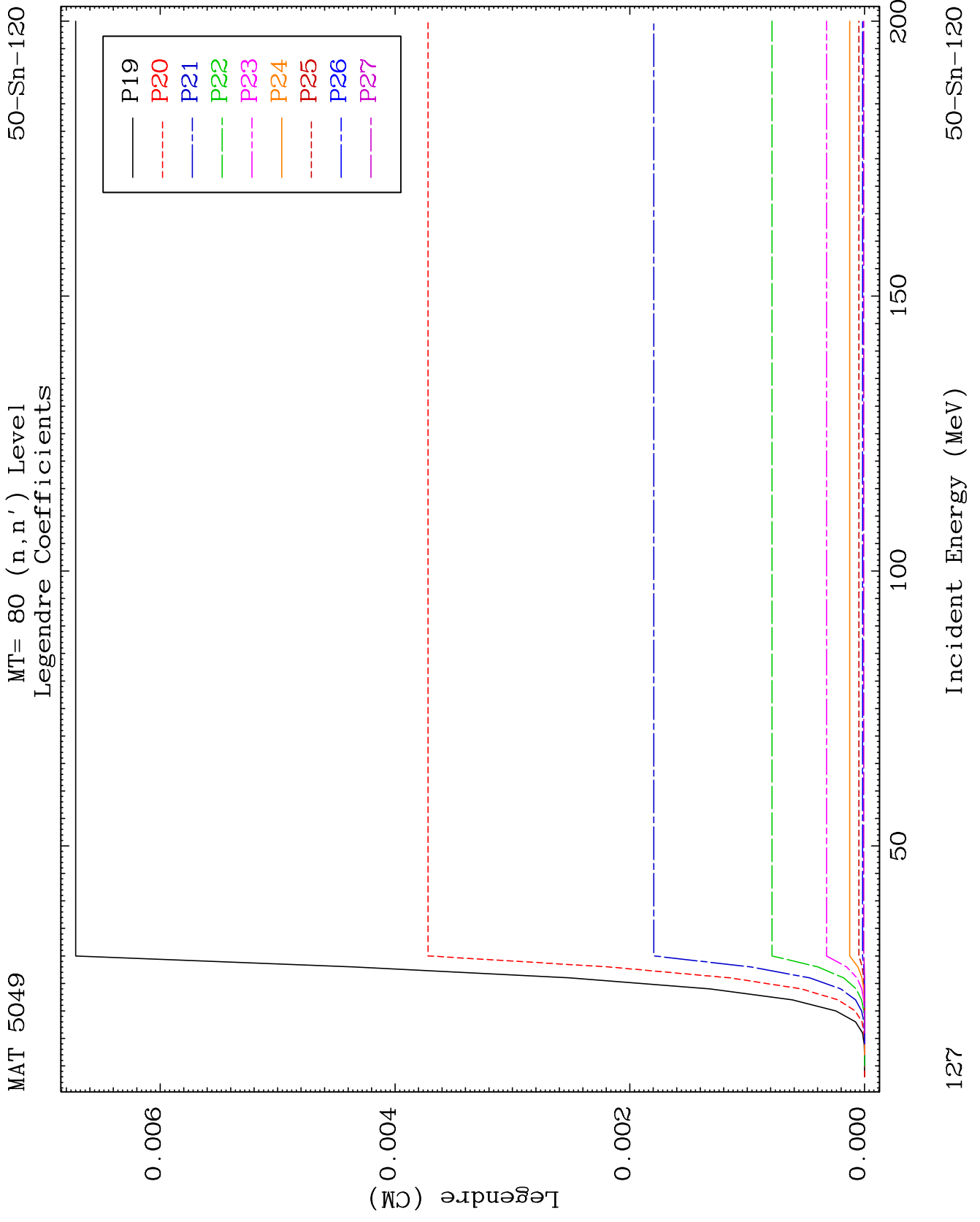


124

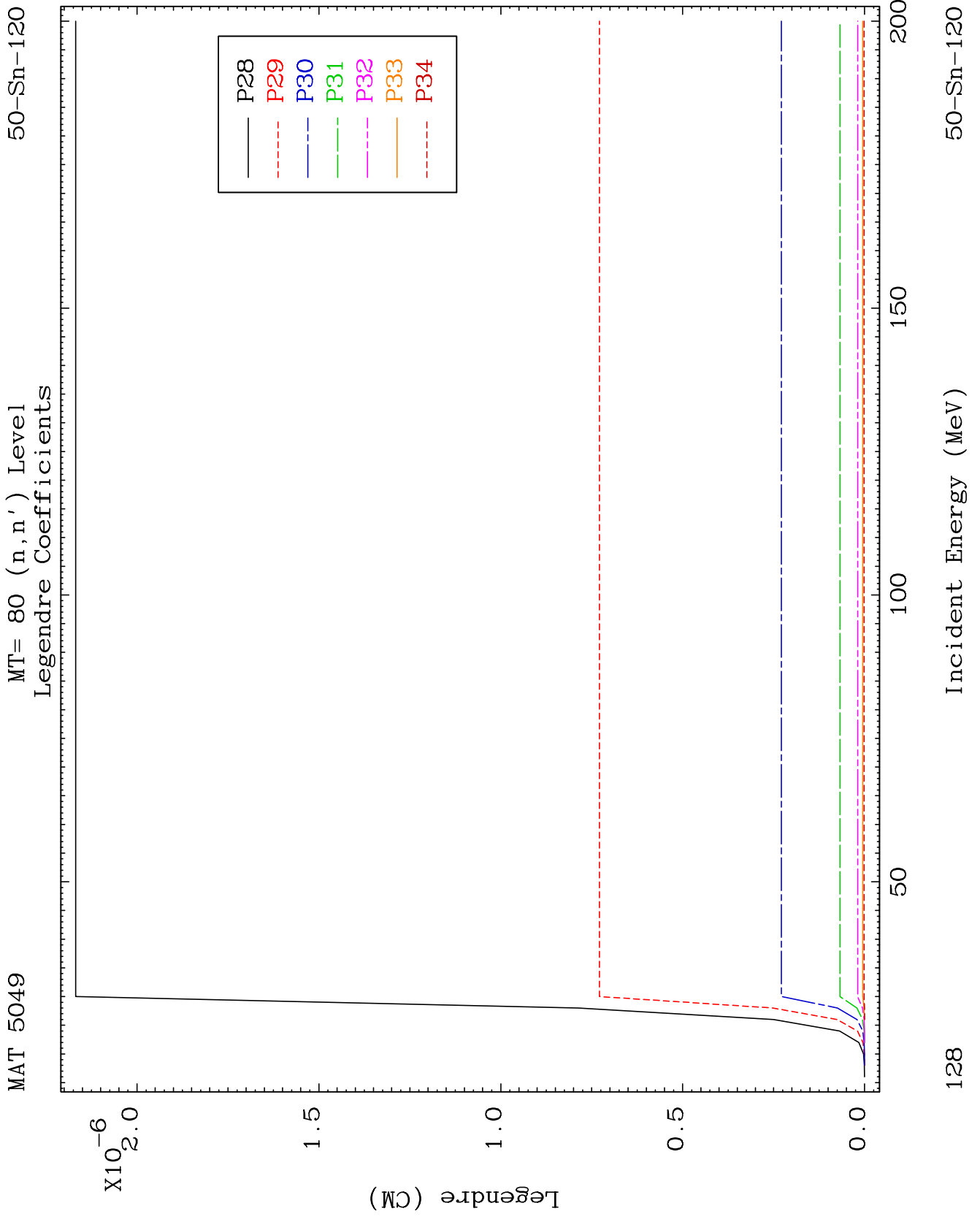
50-Sn-120



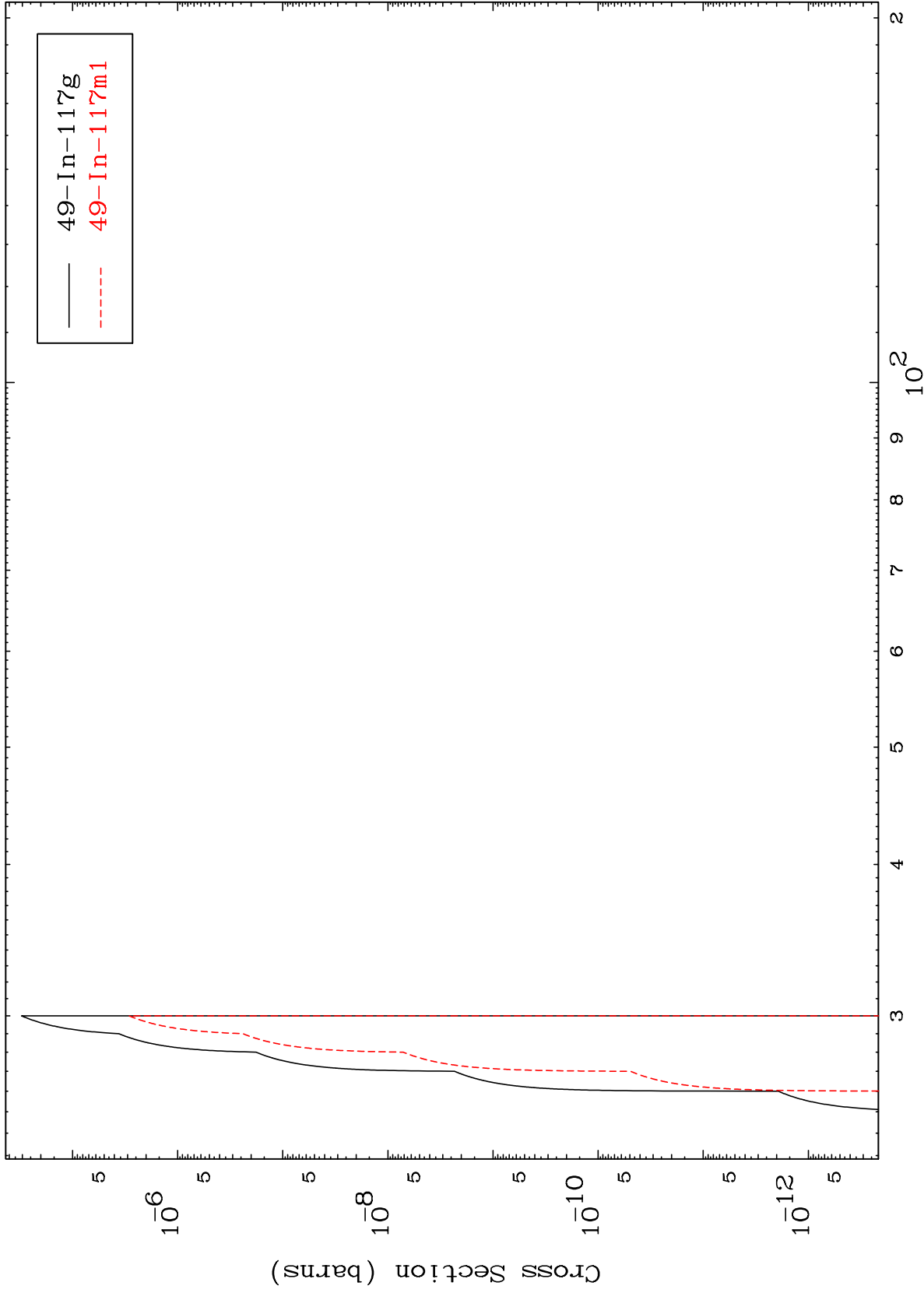








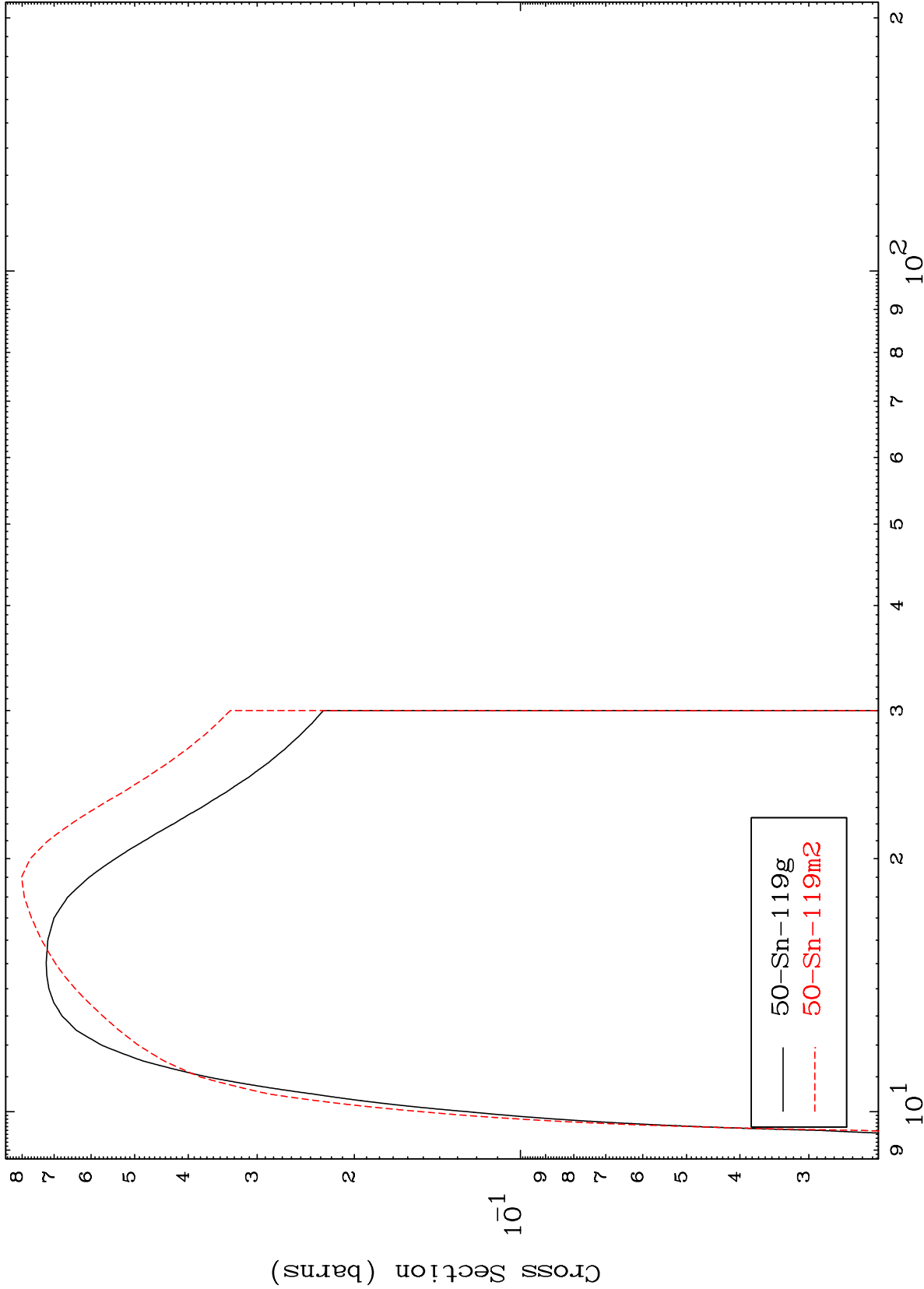
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

(n,2n)  
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

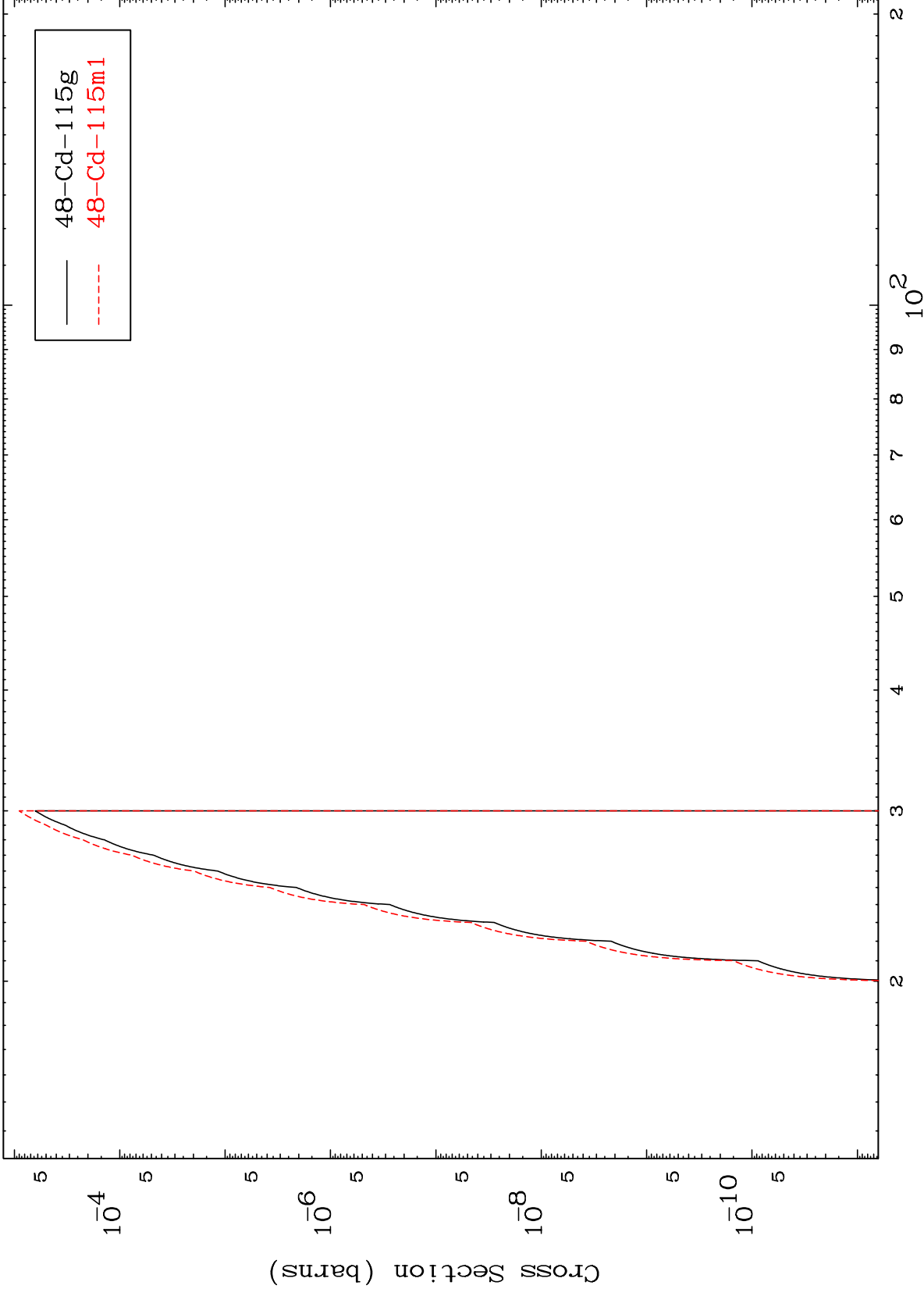
130

MAT 5049

(n,2n)  $\alpha$

50-Sn-120

Radionuclide Production Cross Section



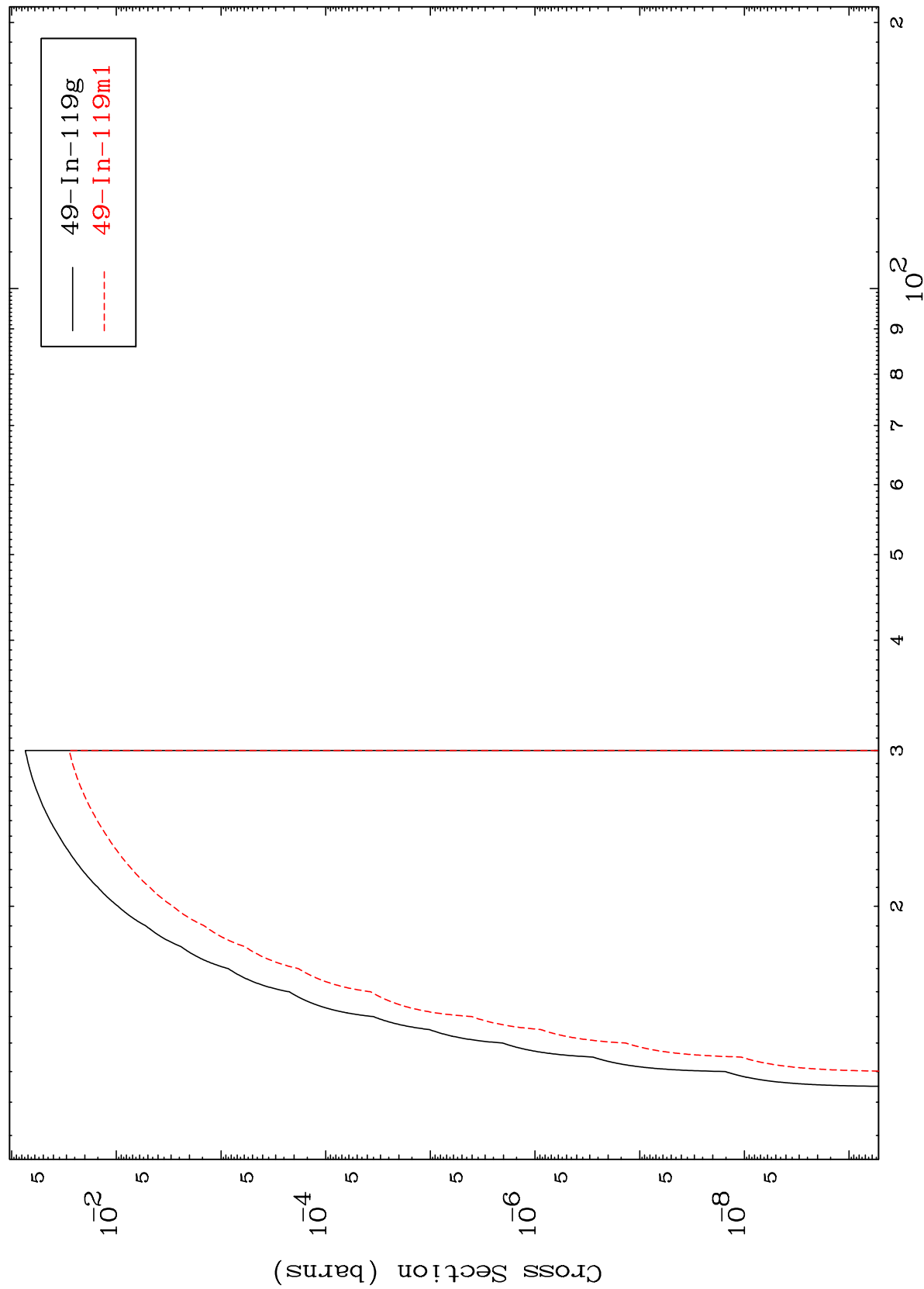
48-Cd-115g  
48-Cd-115m1

131

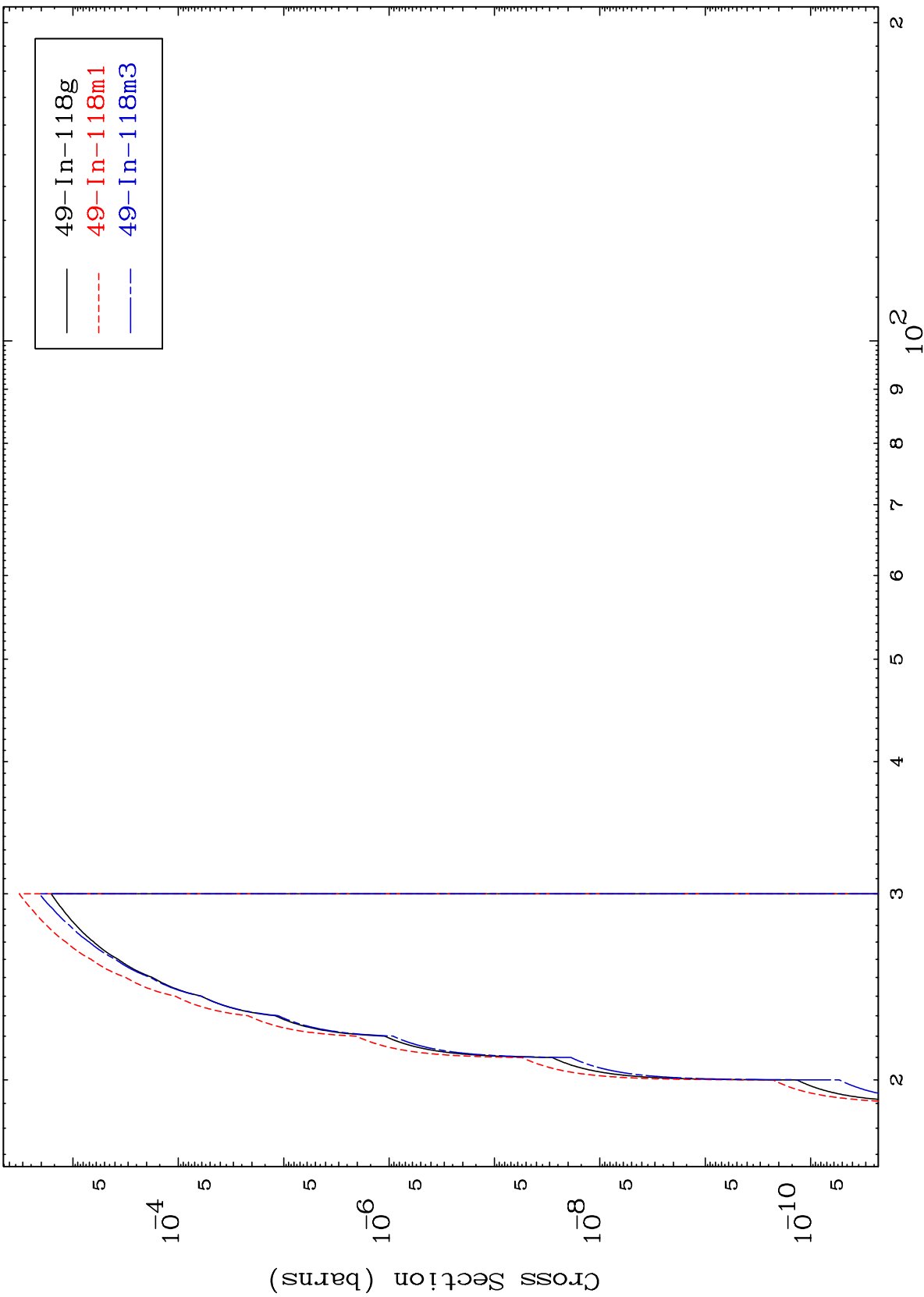
Incident Energy (MeV)

50-Sn-120

Radionuclide Production Cross Section



Radionuclide Production Cross Section

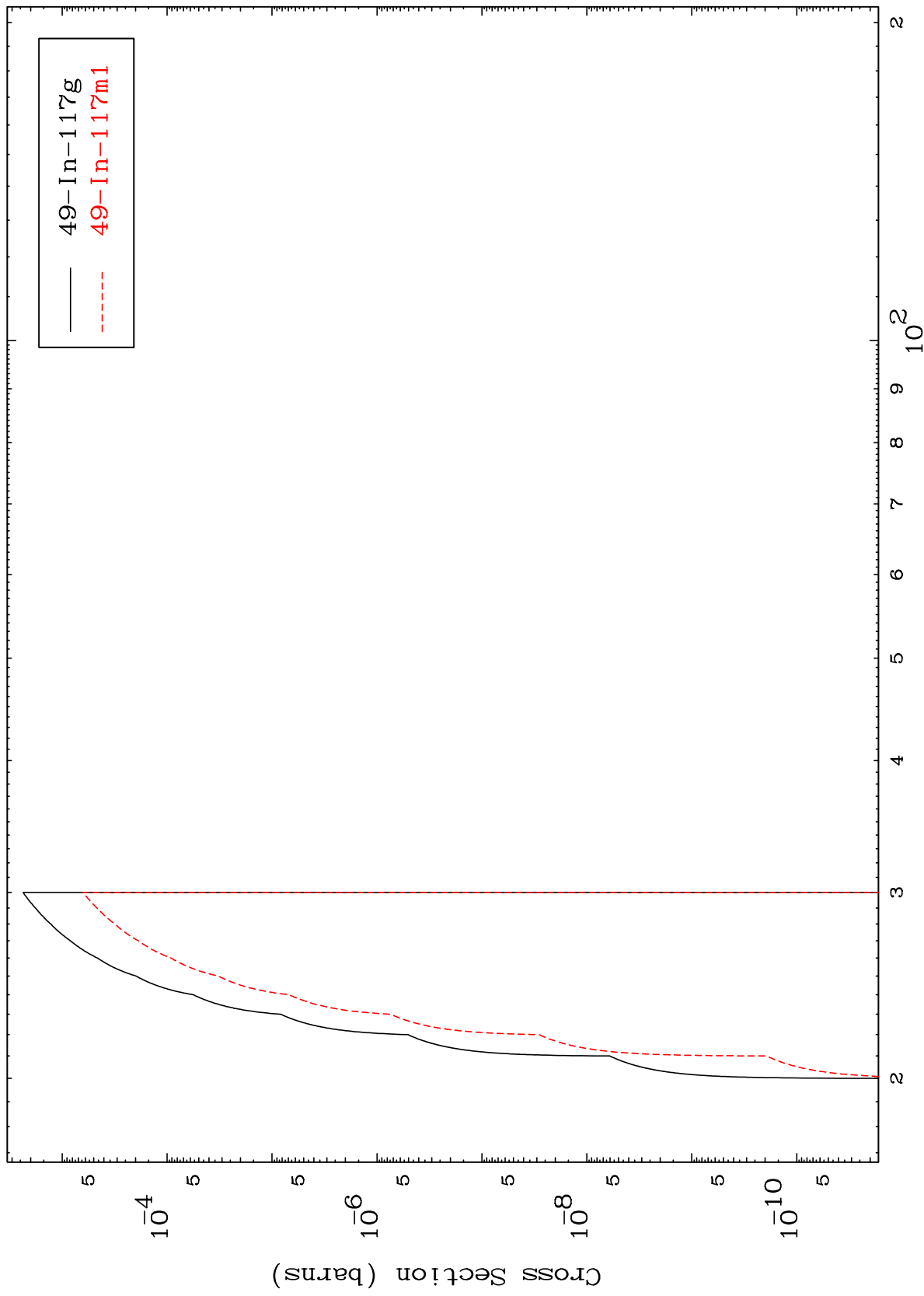


MAT 5049

(n,n') t

50-Sn-120

Radionuclide Production Cross Section



134

Incident Energy (MeV)

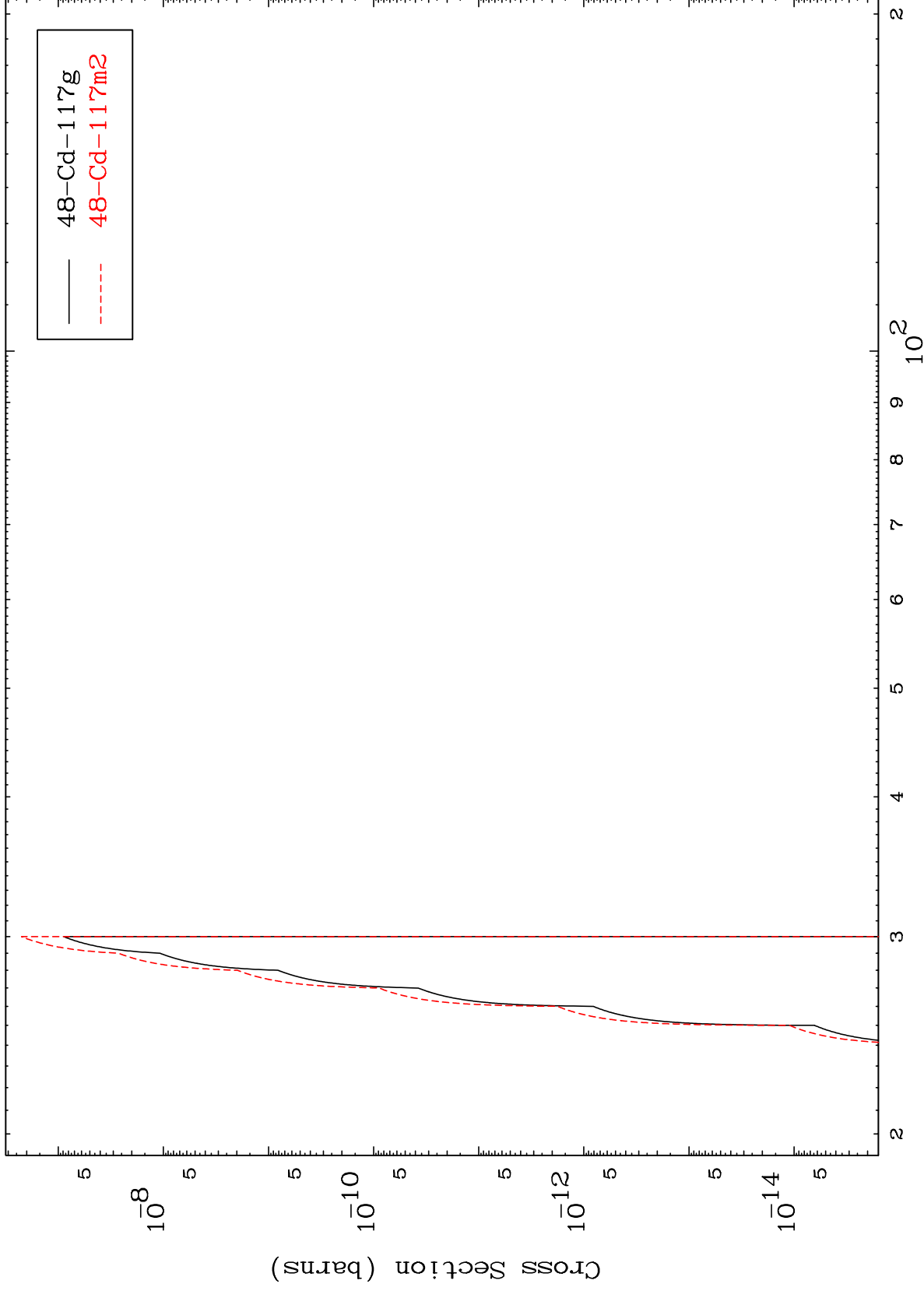
50-Sn-120

MAT 5049

(n,n') He-3

50-Sn-120

Radionuclide Production Cross Section



48-Cd-117g  
48-Cd-117m2

135

Incident Energy (MeV)

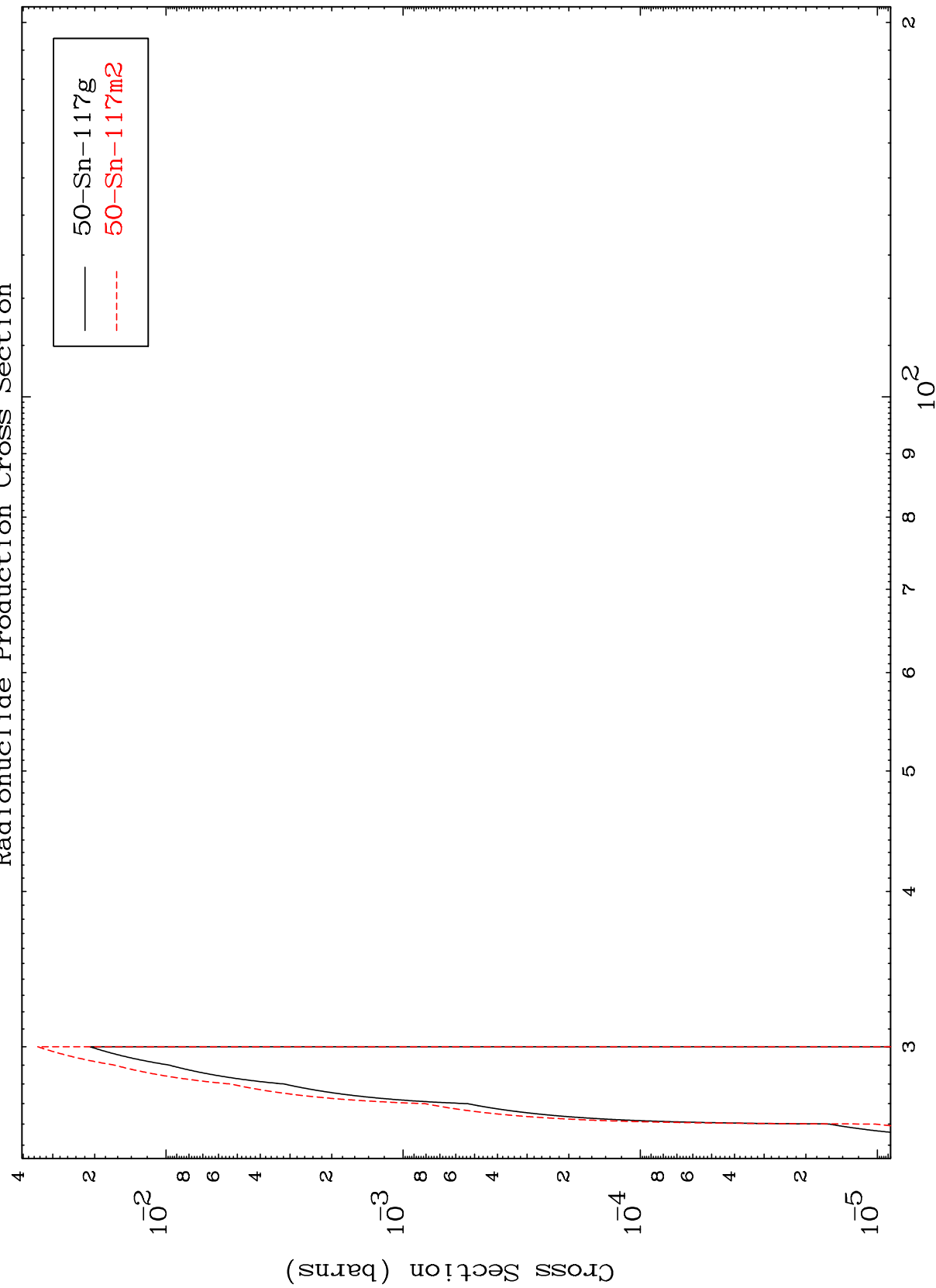
50-Sn-120



MAT 5049

50-Sn-120

(n,4n)  
Radionuclide Production Cross Section



50-Sn-117g  
50-Sn-117m2

50-Sn-120

Incident Energy (MeV)

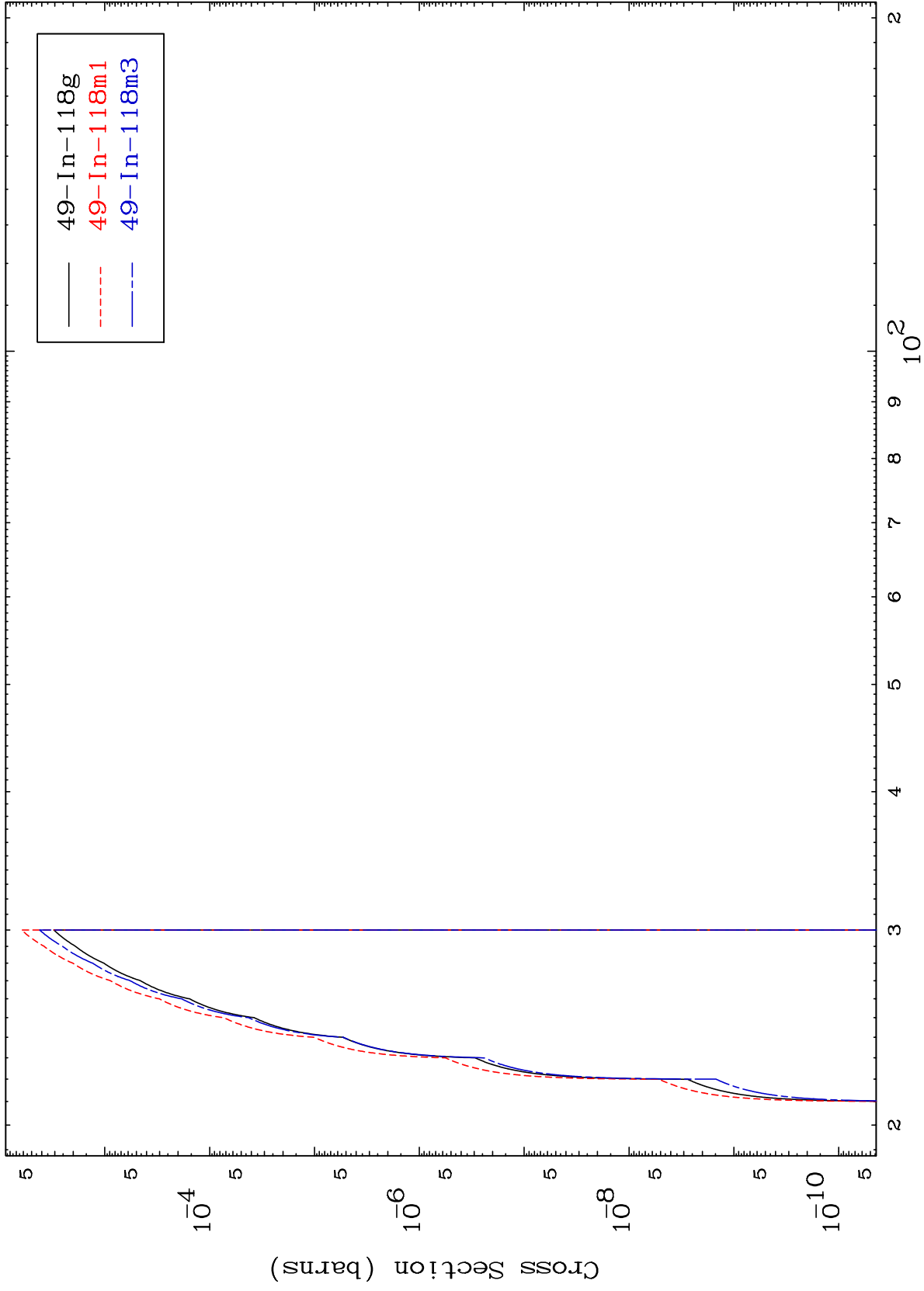
136

MAT 5049

(n,2n) p

50-Sn-120

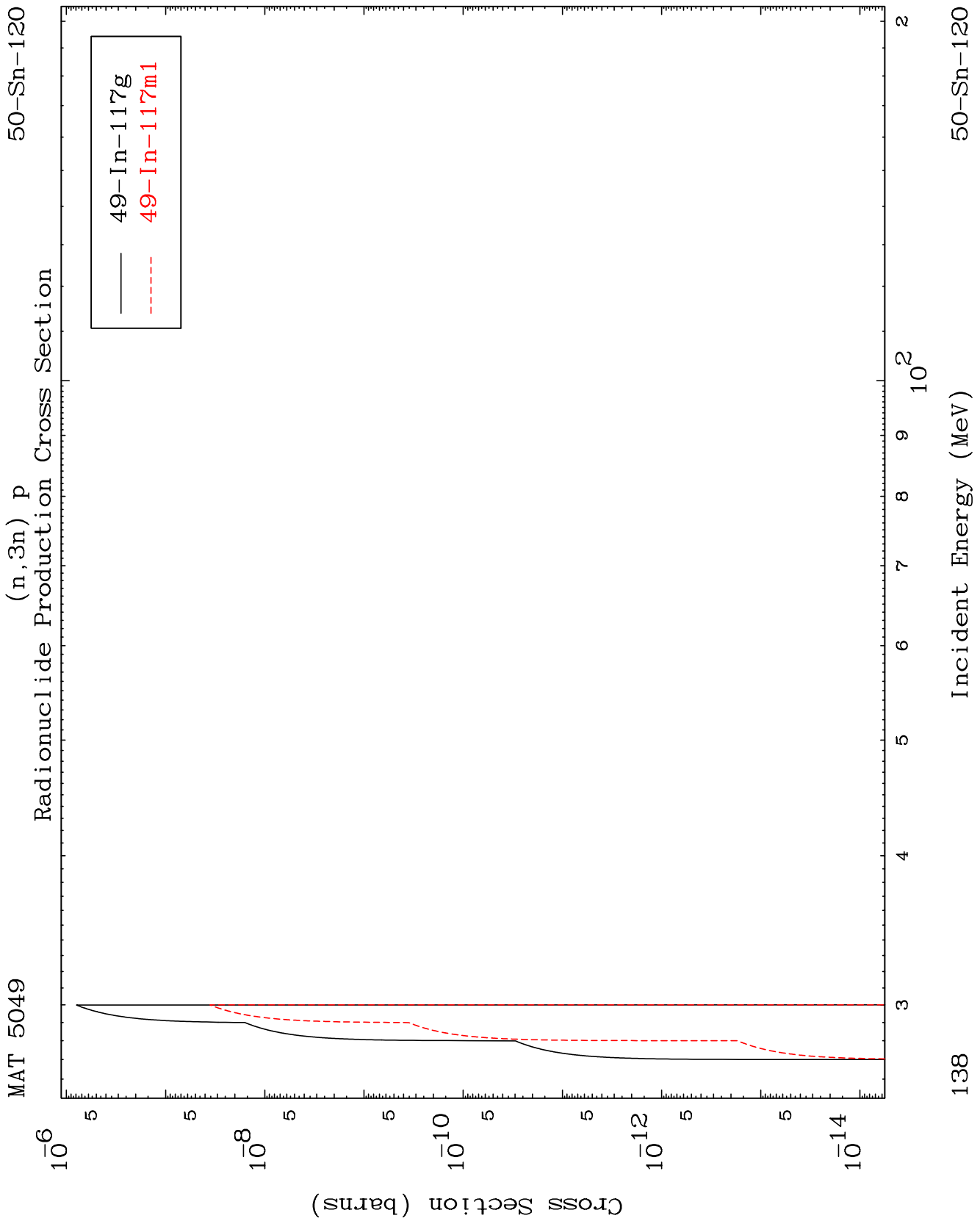
Radionuclide Production Cross Section



137

Incident Energy (MeV)

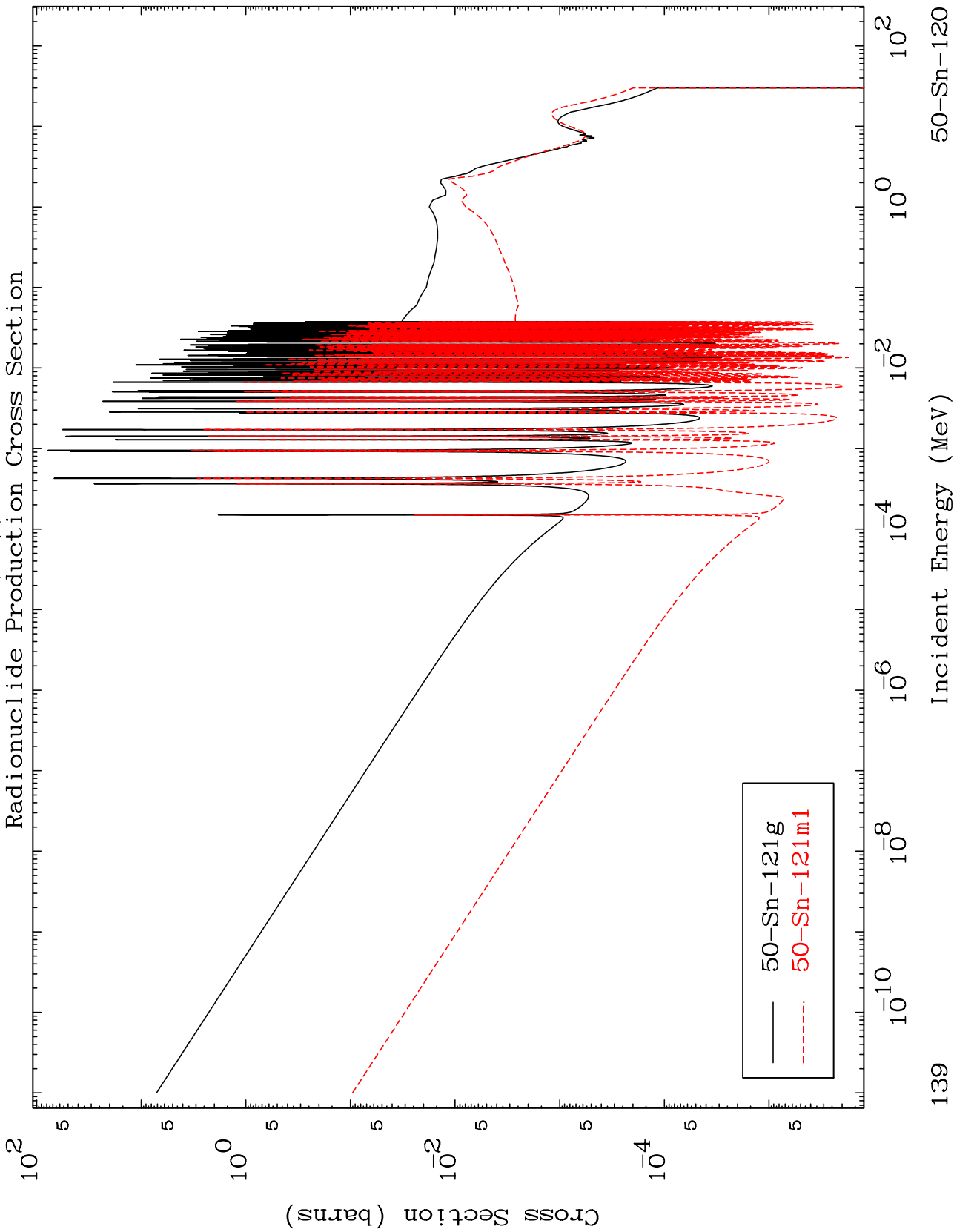
50-Sn-120



MAT 5049

50-Sn-120

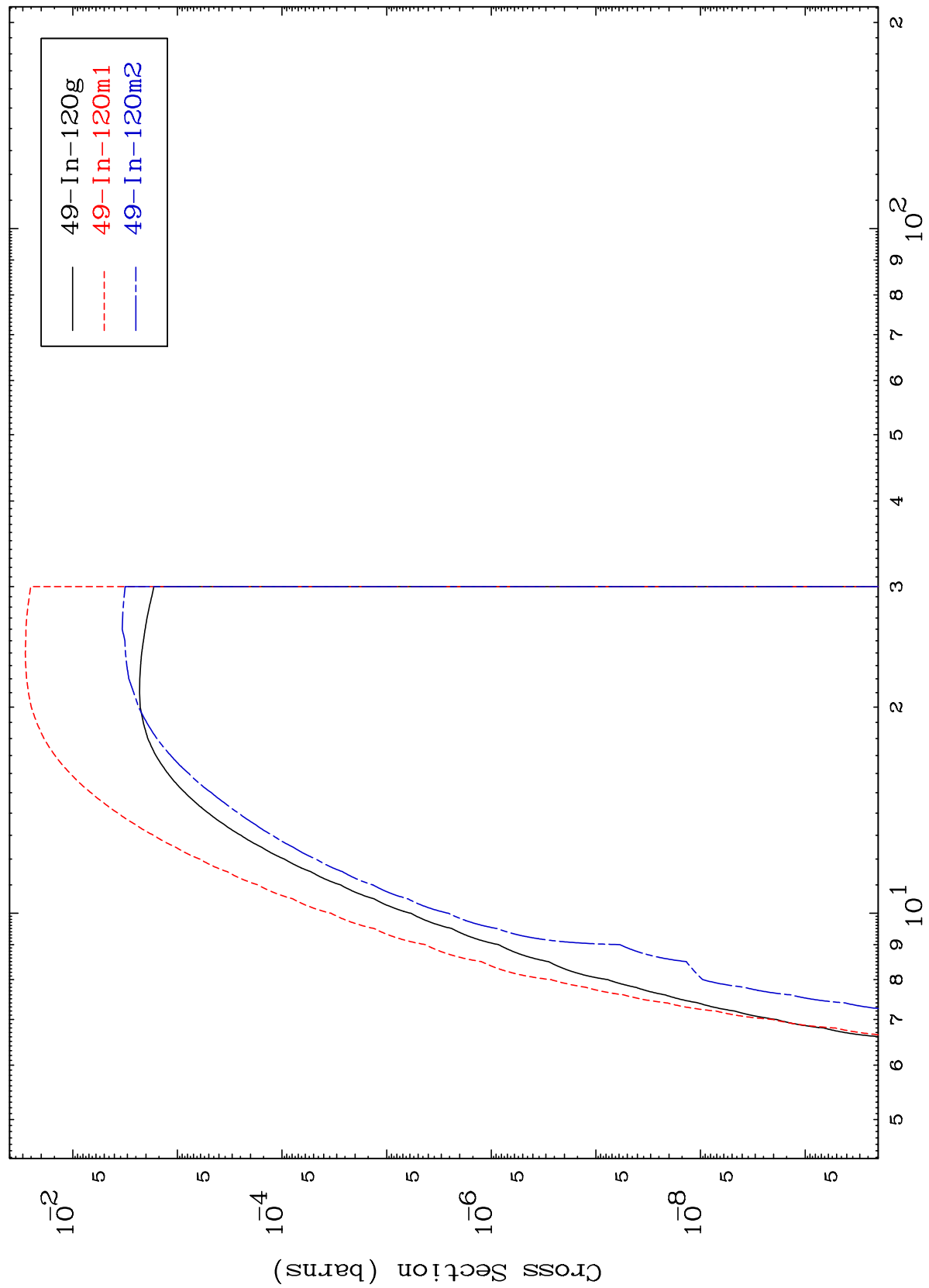
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 5049

50-Sn-120

(n,p)  
Radionuclide Production Cross Section



140

Incident Energy (MeV)

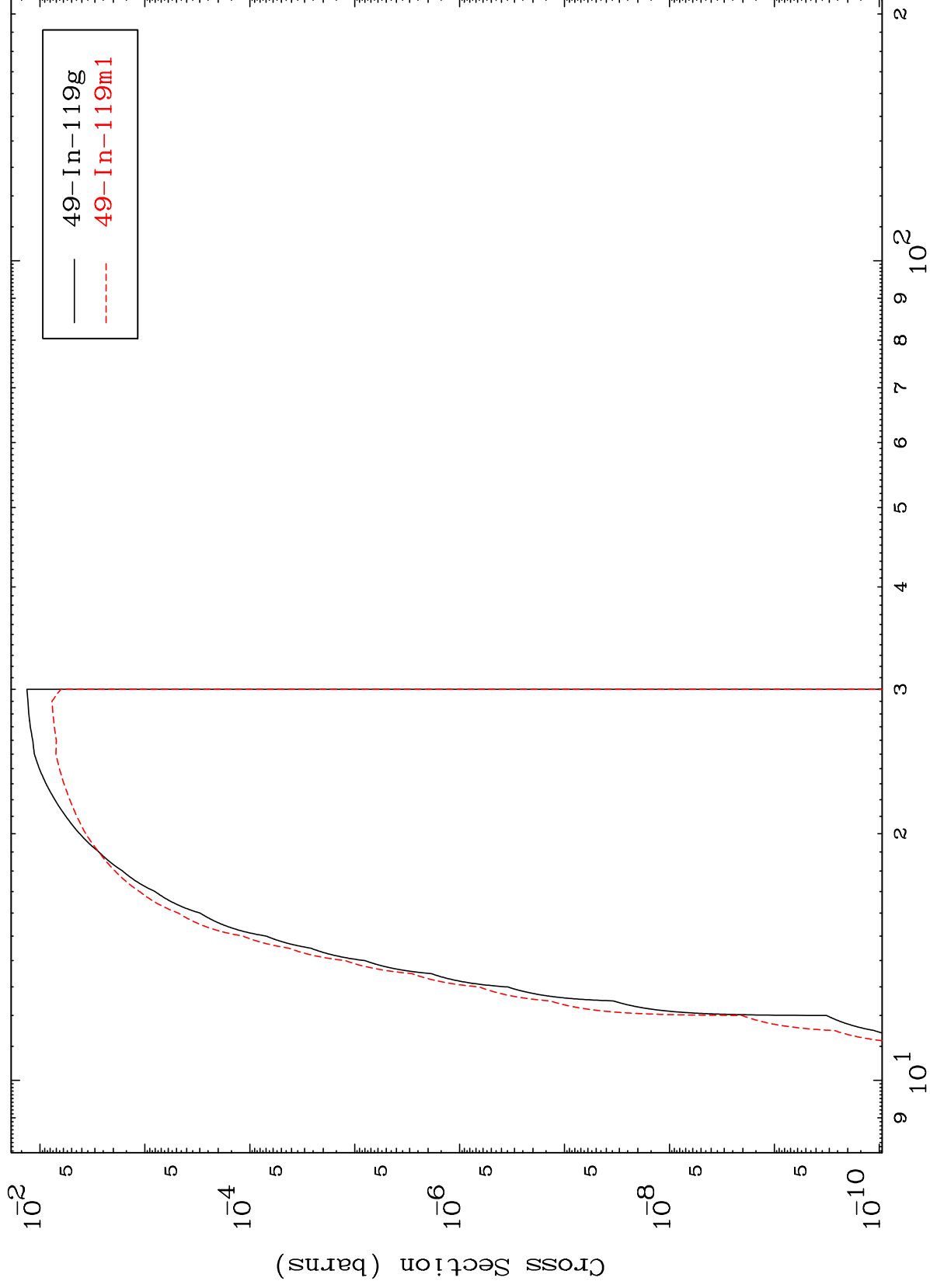
50-Sn-120

MAT 5049

(n,d)

50-Sn-120

Radionuclide Production Cross Section



141

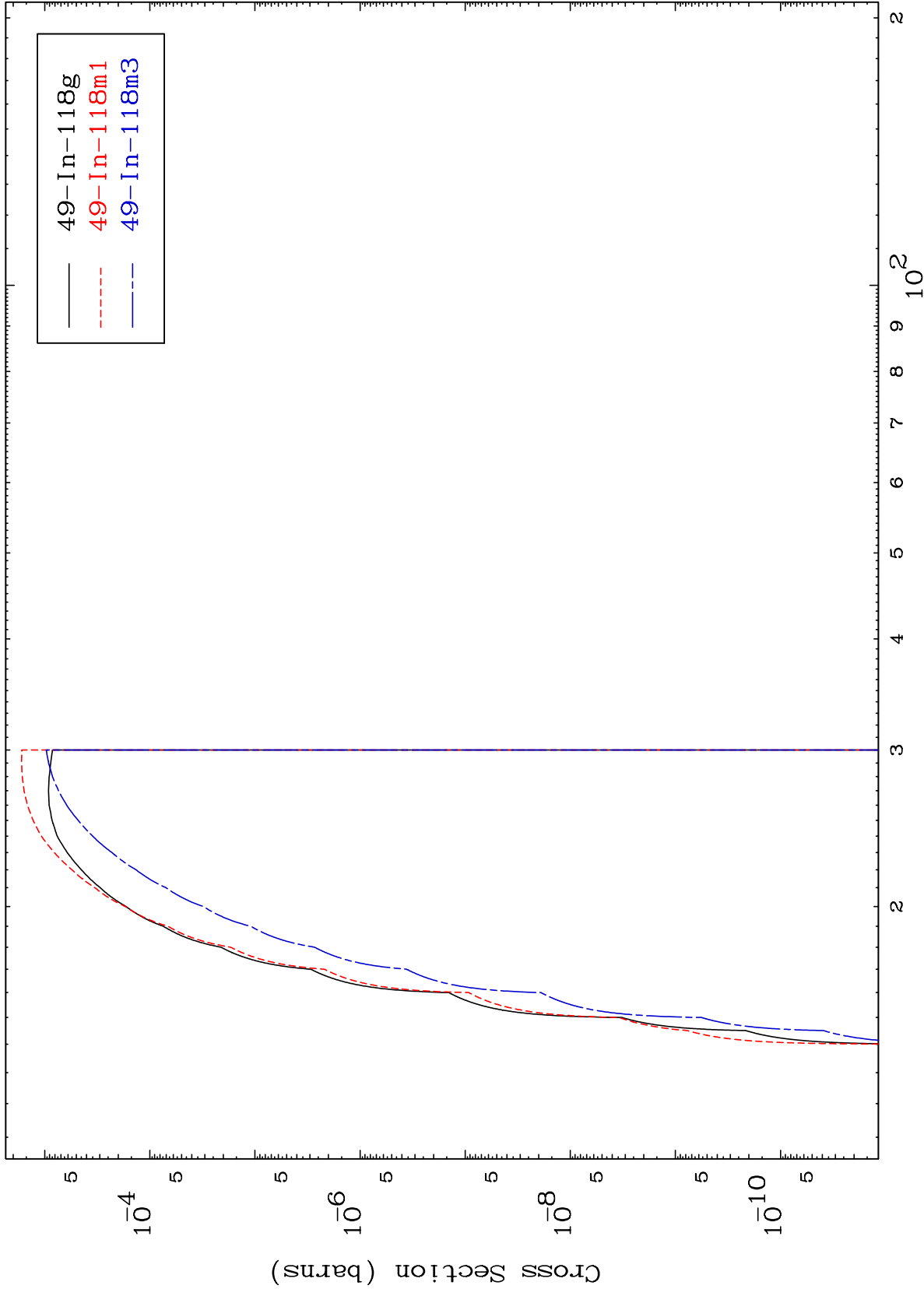
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,t)  
Radionuclide Production Cross Section



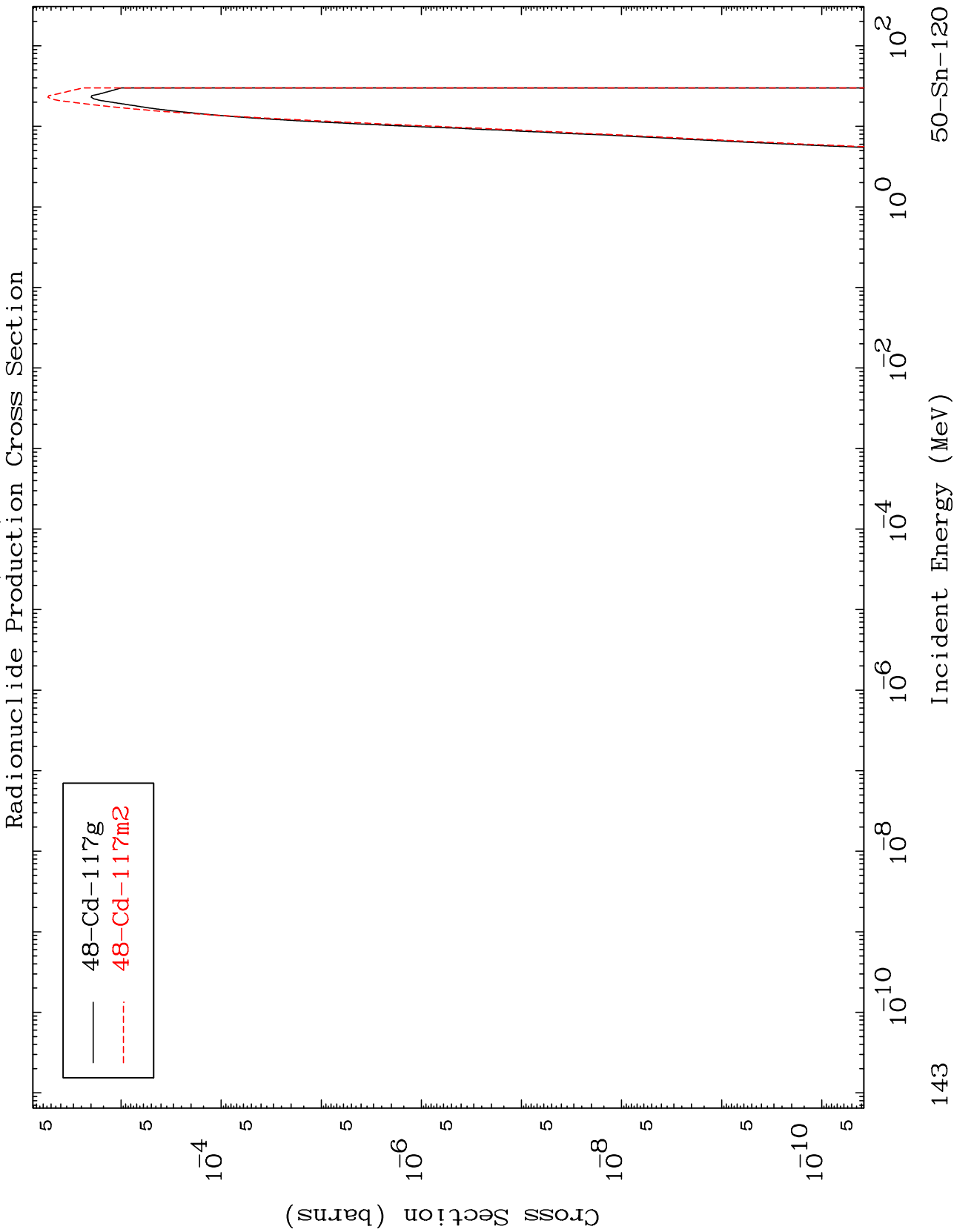
142

50-Sn-120

Incident Energy (MeV)

MAT 5049

50-Sn-120

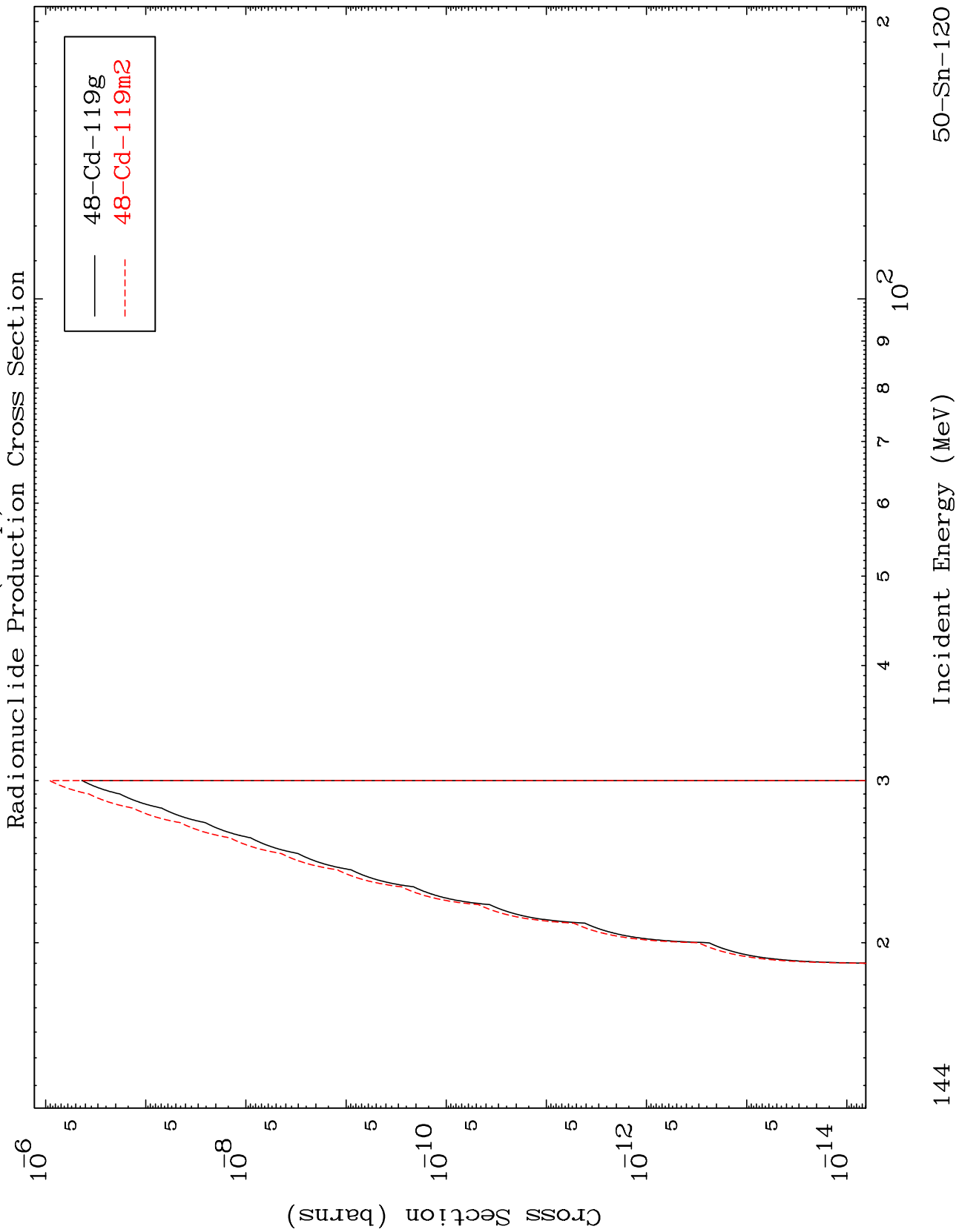




MAT 5049

50-Sn-120

(n,2p)



144

50-Sn-120

MAT 5049

(n,p)  $\alpha$

50-Sn-120

